KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

Kamloops, B.C. Phone 374-0544

0924/15

PROPERTY SNOWFLAKE

HOLE No. SF-83-2

821074

	rected
Angle	Azimuth
ميبين	Z Zástes
	Angle

	Core SizeNQ
	Angle of Hole450
LIUE	Claim
	Section
63.5	Bearing

Total Depth 9.27m % Recovery 94 %	Sheet No 1 of 9
Elev. Collar guidinch 3356 1021	Date Begun Sept 29/83
Latitude 3 + 85NW	Date Finished Oct. 3/83
Departure 6 + 30SW	Core Stored At Kamloops

10 4 HD = 65.89°

DEPTH	CORE LOST	-An so sole axya. DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au PPb	Ag ^{ppm}	Cu ppm
		Hole Cased to 22.8m.	5564	30,4-32	3		LIPV .
meters		sen grey andesice tuit with several narrow					
22.8-23.4	0	Medium grained, green grey typical Nicola andesite		-			
21.1 [a		flows; minor quartz veining; no sulphides;					
1 20 22		minor sedimentary layers 2-5 cm thick.					
		Took Prol angering trong of 1 Entile					
23.4–24	0	Primarily greenish Nicola andesitic flows	5563	28, 9-30, 4	20	1.9	220
/9		scattered disseminated pyrite.	5559	22.8–24.4	50	1.2	59
24-24.4	5 cm	Similar to last section; minor quartz veining					
10		approximately parallel to core axis; minor					
		disseminated pyrite.					
,2-29.8	0						
24.4-25.6	30 cm	Similar to last section; no pyrite					
3-58°7a	25 GH	Mahly fractured fine erstned stars	5560	24.4-25.9	5	1.0	105
25.6–25.9	0	Similar to last section; minor scattered pyrite					
/ a		oward end of section.			80	/ A	
25.9–27.1	9	Similar typical Nicola greenstone-traces pyrite	5864	22 / 00 0			
12			5561	25.9-27.4	5	. 8	5.5
.1-27.8	5 cm	Imilar to last section				l Lugykhie	Lear blue
HAZE	LOST .	DESCRIPTION	SAMPLE NO.	MICAH			
		HOLE NO OLE			SHEET N	0	

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0924/15

PROPERTY SNOWFLAKE

HOLE No. SF-83-2

821074

	Corr	rected
Footage	Angle	Azimuth
		al disease or m
5 1		ALL DE MAN STATE

Core Size	NQ
Angle of Hol	e45°
Claim	
Section	
Bearing	080

Total Depth	9.27m
% Recovery	94 %
Elev. Collar	A 3051 " 1021 ".
Latitude 3 +	85NW
Departure 6 +	30SW

Sheet	No1 of9
Logg	d byJ.M.D
Date	Begun Sept. 29/83
	Finished Oct. 3/83
Core	Stored At Kamloops

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au PPb	Ag ^{ppm}	Cu ^{ppm}
		Hole Cased to 22.8m.	5554	30,4-32	5		
meters	0 6	SEN STRY ENGESTER THE WITH SEVERS! BATTOW					
22.8-23.4	0	Medium grained, green grey typical Nicola andesite					
21.1 1a	200	flows; minor quartz veining; no sulphides;					
		minor sedimentary layers 2-5 cm thick.					
	0.00	Frent Eyes andestre tions of 7 tolls					
23.4-24	0	Primarily greenish Nicola andesitic flows	5563	28,9-30,4	20	- à	SSU
/4		scattered disseminated pyrite.	5559	22.8–24.4	50	1.2	59
24-24.4	5 cm	Similar to last section; minor quartz veining					
/a	, G	approximately parallel to core axis; minor					
		disseminated pyrite.					
1.2-29.8	0	Fractional and and the films of the same o					
24.4-25.6	30 cm	Similar to last section; no pyrite					
12	25 cm	Highly fractured fine grained and article	5560	24.4-25.9	5	1.0	105
25.6-25.9	0	Similar to last section; minor scattered pyrite					
10		DWard end of section.			50	1.4	
25.9-27.1	0 = 1	Similar typical Nicola greenstone-traces pyrite					
10			5561	25.9-27.4	5	-8	5.5
7-1-27-3	5 cm	finilar to last section				Liji Salaisas	
DESIR	TORL	DESCRIPTION	SAMPLE No.	WIGTH			
		HOLE No AK-	n - s		SHEEL V		for a second

Snowflake HOLE No. ____SF-83-2 SHEET No. 2 of 9 PROPERTY_ CORE WIDTH SAMPLE No. DESCRIPTION DEPTH Au(ppb) Ag(ppm) Cu(ppm) of SAMPLE LOST Similar to last section 27.1-27.8 5 cm 27.8-28.3 27.4-28.9 Similar greenstone; becoming more fractional 5562 20 .9 69 toward end of section. 28.3-29.2 25 cm Highly fractured fine grained andesite 29.2-29.8 Fractured andesite flow or tuff for first section then less broken green grey andesite tuff with 1 or more bands (2-5 cm wide) of green dense chert @ $\sim 65^{\circ}$ to core axis; minor disseminated pyrite. 28.9-30.4 5563 20 .9 220 Green grey andesite flows of ? tuffs 29.8-30.4 20 cm 30.4-30.7 5 cm Fine grained andesite flow or ? tuff 30.7-32 0 Green grey andesite tuff with several narrow interbeds of fine greenish cherty mudstone; 5564 30.4-32 5 .8 104 60-70° to core axis. 32-33.2 Medium to fine grained andesite flows or ? tuffs; minor quartz stringer; minor epidote clots & veinlets. 32-33.5 5565 .8 55 DETALE

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POPERTY_		Snowflake HOLE No. Sf-	83-2		SHEET N	No. <u>4</u>	of _9	
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
46.4-48.1	0	Green grey fine grained andesite with some	5574	45.7-47.2	5	.8	149	
		agglomerate horizons; some stringers and small blebs						
It		of epidote.						
48.1–49.6	7.6 cm	Grey green fine to medium grained andesite;	5575	47.2-48.7	10	.9	132	
		trace pyrite.						
49.6-50.5	50.8 cm	Medium to fine grained green grey andesite slightly	5576	48.7-50.2	< 5	.8	25	
		porphyritic in part; minor greenish chert interbeds.	\$6.77 AV					
50.5-50.9	0	Fine grained grey green andesite.	2830		89	7 9		
50.9-51.2	5 cm	Similar to last section	256.0	38. Tu39. K	Y			
51.2-51.6	35.5 cm	Similar to last section		3815 3815				
		VICEN PIEN CORPOR VOICEGIC MACKS, Direct Scott Andrews	5577	50.2-51.8	< 5	.8	46	
51.6-52.1	17.7 cm	Similar to last section		32 30 2		778	100	
52.1-52.5	25.4 cm	Similar to last section		1				
52.5-53.3	5 cm	Green grey slightly porphyritic andesite flows .	5578	51.8-53.3	< 5	.8	60	
53.3-54.2	40.6 cm	Fault zone - gouge cemented by clacite from						
50.16	40.0 Cm	53.9-54.2 m.	SAMPLE No	MIDAH	V-7-	- V2		- 1
CHEST LA	9	NOVE No ST-0			SHEET	NALLE		
Page and discount of the same						-	15 000 2 18 000 2	Service Albert
V.	Marie District Marie Consider							

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HOLE No. ___SF-83-2 SHEET No. 3 of 9 Snowflake PROPERTY_ WIDTH CORE DEPTH DESCRIPTION SAMPLE No. Cu Au Ag of SAMPLE LOST 33.2-33.8 Highly fractured green grey andesite tuff ? 5566 33.5-35 . 9 59 33.8-35.6 0 Andesite tuff grading to medium to coarse green grey volcanic wacke; fragments up to 2-5 cm across, tracer pyrite. 51 35-36.5 5567 10 . 8 80 0 Green grey coarse volcanic wacke; minor scattered 35.6-37.4 24,61 pyrite; fairly solid, relatively unaltered core. 36.5-38.1 5568 3.5 91 37.4-40.5 Green grey volcanic wacke or agglomerate; fragments to 2-5cm diameter; 2 cm quartz vein runs down core axis 38.1-39.6 5569 40 1.9 173 from 39.3 to 40.3 m , scattered grains of pyrite ~ this quartz vein; minor chalcopyrite @ ~ 130-5570 39.6-41 60 1.9 363 pyrite stringers 41-42.6 5571 20 . 9 128 Similar green grey agglomerate or volcanic wacke; 40.5-43.2 minor scattered pyrite grains. 42.6-44.1 5572 99 Similar to last section; minor quartz vein at 45° 43.2-44.5 to core axis. 44.5-46 Similar to last section; core very broken in 44.1-45.7 5573 5 .9 101 last 20cm section. 46-46.4 Similar green grey chloritic fragmental agglomerate 0 or ? wacke.

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HOLE No. ____SF-83-2 SHEET No. 5 of 9 Snowflake PROPERTY_ WIDTH of SAMPLE CORE SAMPLE No. DEPTH DESCRIPTION LOST Ag Cu Au Green grey, fine grained andesite flows 54.2-54.5 10 cm < 5 . 9 5579 53.3-54.8 28 54.5-55.4 Green grey, fine to medium grained andesite, slightly porphyritic in part. 55.4-56.3 15.2 cm Green grey andesite; fragmental in part 5580 54.8-56.3 5 1.0 94 56.3-56.9 10 cm Green grey andesite; slightly porphyritic in part. 56.9-57.6 Similar to last section 0 56.3-57.9 5581 1.1 78 57.6-58.5 Similar to last section 57.9-59.4 < 5 5582 .9 71 58.5-60 Green grey andesite tuff with several narrow chert bands (light green) at ~ 45° to core axis. 59.4-60.9 < 5 5583 . 8 56 60-61.8 Greenish andesite tuff with frequent narrow .6 cm to 0 10 cm bands of charty mudstone - 70 to 85° to core axis; minor scattered pyrite. 61.8-63 0 Minor green andesite tuff with 70% cherty mudstone and dark grey to black graphitic argillite; disseminated pyrite locally up to 2%.

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ROPERTY_		Snowflake HOLE No.	SF-83-2		SHEET I	No6	of9
DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu
63–64.6	0	Green grey andesite tuff with scattered thin bands	5585	62.4-64	< 5	.9	104
		of cherty mudstone - grading to coarse volcanic					
178-63	0	wacke in last 30 cm section.					
tile.			5586	64-65.5	< 5	.9	82
64.6–67.6	0	Grey green andesite tuff and volcaniclastics with	****	¥ 1	f - 1		
62,56		scattered minor thin interbeds of cherty argillite;	5587	65.5-67	< 5	.9	86
0-61/9	0	traces of pyrite.					
			5588	67–68.5	< 5	.9	24
67.6-69.1	0	Primarily coarse volcanic wacke or agglomerate.					
Svala.		Green graw andseres toff with	100000		100	18	N N
69.1–70.1	0	Grey green volcanic wacke or andesite tuff.	5589	68.5–70.1	< 5	.9	110
70.1–70.7	5 cm	Similar tuff and sediments 70° to core axis to		5013-3119			
65,43	10	70.4 m, then dark grey to black argillite with					
D013-081A	10 cm	scattered grains and cubes of pyrite.					
70.7–71.3	10 cm	Primarily black graphitic argillite with	2500	2878-2013		7.0	37
65.98 19P	15.2	disseminated grains and fine grained bands of					
		pyrite -3 to 5%, last 30 cm section essentially	5590	70.1-71.6	5	1.0	135
		fault gouge.					
14. 5-55.A	- Q	Orace at all 5150 100 100 100 100 100 100 100 100 10	1-32 ta	23*3-24*8	125	6.	3.8
71.3–71.9	20 cm	Andesite flows with minor interbands of cherty					
,18	10.00	argillite.		or salarti	40		Trongs Indian
DEMIN	CONE	GESCHIPTION	SAMPLE No	L MIDIA	1		
ramest)		NOVE LUKE HOLE No. SF.	-83-2		SHEET	100	
							F1010-374+
T.	BITE N	THE PRINCIPLE OF WARDONINESS FIRST A DIMERLE			QKA		

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DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
71.9-72.2	15 cm	Similar to last section					Harry	
11 1								454
72.2-73.1	0	Primarily black graphitic argillite with scattered	5591	71.6–73.1	10	1.3	106	
29911	1.19	grains and thin bands of pyrite. Minor sillstone			1			
		interbeds @ 45° to core axis.	5.500	40 0 93 0	3-0		13/0	
83.9-83.5	0 1.	Similar to last section						
73.1–74	20 cm	Similar to last section						
		dissentrated grains.	5592	73.1–74.6	< 5	1.5	129	
74-74.9	1-0	Black graphitic argillite with frequent bands and						
		scattered grains of pyrite. 3-5% pyrite;						
		bedding at 75° to core axis.						
10118-6515	7.6 00	Black graphicic argillite: minor fine evalued	5593	.74.6-76.2	4 5	1.2	135	
74.9–76.8	0	Similar to last section.						
81-3-81-6	0	Similar to last section						
76.8–77.7	0	Similar to last section; minor quartz, calcite						
N 121 - 23.13	0	veining - 3-5% pyrite.	5594	76.2-77.7	5	1.5	116	
				71.91				
77.7–78.3	20 cm	Black graphitic argillite; only minor pyrite.						
			3896	70 3.00 7	30	1 2 4		
78.3–78.9	30 cm	Similar to last section; minor fine grained						
290/		disseminated pyrite.						
		bedding at 75" to core auts.						
78.9–79.2	7.6 cm	Black, cherty argillite; fine grained blebs of	5595	77.7–79.2	20	2.0	158	
29	Lost	pyrite spread through rock - 3-5% pyrite.	SAMPLE H	WIDTH AN SAME	y yar	Ag.		
		MOLE WE			SHEET	49	- g o -	1
		Specialists	2 00 0					
1			ELECTRIC PA		F 20 15 EQ.			processoria

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HOLE No. _____SF-83-2 SHEET No. 8 of 9 Snowflake PROPERTY____ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH Cu of SAMPLE Ag Similar to last section; pyrite looks syngenetic; 79.2-79.7 10 cm bedding at 75° to core axis. Similar to last section 79.7-80.4 0 158 2.0 79.2-80.7 30 5596 Similar to last section 80.4-81 81-81.3 Similar to last section. Similar to last section 81.3-81.8 1.9 155 81.8-82.2 10 7.6 cm 80.7-82.2 Black graphitic argillite; minor fine grained 5597 disseminated pyrite 82.2-82.9 Similar to last section; 2% pyrite as very fine disseminated grains. 82.9-83.5 0 Similar to last section 1.8 10 170 82.2-83.8 5598 83.5-84.1 Similar to last section; minor silty horizons 0 and pyrite grains. 84.1-84.4 Similar black cherty argillite with 2-3% pyrite as fine scattered grains.

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HOLE No. _____SF=83-2 Snowflake SHEET No. 9 of 9 'ROPERTY_ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Cu Au LOST of SAMPLE 84.4-85.3 Similar to last section; thin silty bands @ 40° 2.0 123 15 cm 83.8-85.3 < 5 5599 to core axis. 85.3-85.6 Similar to last section 85.6-85.9 Similar to last section 7.6 cm 85.9-86.5 35 cm Similar to last section 5600 85.3-86.8 **<** 5 1.7 132 86.5-87.1 Similar to last section 87.1-87.7 Similar to last section **<** 5 1.4 135 87.7-88.3 0 Similar to last section. 5601 86.8-88.3 88.3-89.9 Dark grey to black graphitic argillite; scattered < 5 5602 88.3-89.9 1.4 110 quartz grains and stringers; <1% pyrite; minor calcite stringers. 89.9-92 Dark grey to black graphitic argillite; calcite 89.9-92 < 5 5603 102 1.8 stringers more common; minor pyrite. 92-93.2 30.4 cm Fault zone - core lost - bad coring END OF HOLE

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Kaminops, B.C.

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PROPERTY SNOWFLAKE

HOLE No. SF-83-1

	 Corrected 		
Footage	Angle	Azimuth	
	3.00 B 5.00	January 2 1	

Core Size NQ
Angle of Hole -45
Claim
Section
Rearing 265 T

Total Depth 106.98M 10. 75.6	Sheet No1
% Recovery 85%	Logged by J.M
Elev. Collar	Date Begun Sep
Latitude AFGZ NOV	Date Finished Sel
Departure 4+98 SW	Core Stored At .!

	~					
3	Sheet	No	1	of	13	
				. Daws		
	Date	Begun	Sept	. 19/	83	
	Date	Finishe	ed Sep	t. 23	/83	
	Corn	Ctored	A . K	amloor	25	

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au(ppb)	Ag	Cu	•
		0 - 15m casing	5501	15-16.7m	115	1.9	65	
		sicice veinlets.		13.29 - 14.8				
15-16m	.6m	Greenish grey to brown, porphyritic typical						
	Yorks 1	Nicola volcanic flows; some surface limonitic			-			
		staining, however rock is relatively unaltered;						
		minor quartz stringers up to fcm wide at 70°	sludge	15-18	280	1.5	67	
		to core axis.		15.95				
		sale prownten, Limonite stained but only silehtly	5506	22.8-24.		1 2		
16-16.4	5cm ·	Similar to last section				**************************************		
	-	The Children of the Children o						
16.4-18	.7m	Similar to last section; becoming more pervasively	5502	16.7-18	4 5 _	2.1	66	
		limonite stained and ? argillically altered in		14.0				
		last.3m section. From 55'- , totally weathered to finite brown,		18117-55	8 63		29	
10 10 5		THE RESIDENCE OF THE PROPERTY						
18-19.5	.3m	Light brownish, intensively limonite stained and	sludge	18-21.3	30	_1_1	129	1
		slightly to moderately argillically altered						-
		volcanics; scattered thin quartz and calcite	2504	119 6.21	21 30		1 1 2 2	<u> </u>
	TOTAL	veinlets no py noted in Veins or in rock	- EVWST E-W	at Sasairt	T i eny bb		en en	
9.5-20	0	Similar to last section	5503	18-19.8	5	1.3	149	
								HINNE STA
- N		- THE CHARGE OF PROPERTY OF THE PARTY OF THE				1000		13

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SNOWFLAKE HOLE No. SF-83-1 SHEET No. 2 of 13 PROPERTY_ WIDTH of SAMPLE CORE DEPTH DESCRIPTION SAMPLE No. Au(ppb) Cu LOST Highly altered, friable, light brown sheared 5504 20-21.3 20 _ 1.2 153 20cm 19.8-21.3 Nicola volcanics. within rock + w/ov - hairs 5505 21.3-22.8 45 21.3-22.2 Moderately altered light brown Nicola volcanics; 1.3 29 . 3m minor narrow quartz stringers. - ne solphs 22.2-23.1 7.6cm Similar to last section, some narrow zones sludge 10 .9 95 21.3-24.3 more friable. odd scotlered py bleb in vole, less in G.V. 23.1-24.3 7.6cm Pale brownish, limonite stained but only slightly 5506 22.8-24.3 5 . 7 37 altered Nicola volcanics; scattered narrow quartz stringers at 30° to core axis. Odd py in Yole + 6.4 24.3-25.9 <5 5507 .8 54 a stages - fracture filling - often splays. Pale brownish to dark green, relatively unaltered 24.3-26.5 10cm Nicola volcanics; some scattered narrow quartz and calcite veinlets. sludge 5 . 7 59 24.3-27.4 26.5-27.4 45.7cm Highly altered, limonite stained and friable gouge 5508 25.9-27.4 35 1.8 58 zone. 25.4cm Presumably gouge zone from major fault; no core 27.4-30.4 recovery. 55.8cm Pale greenish grey, fine grained volcanics? - Toff 30.4 - 31sludge 45 .9 120 27.4-30.4

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ROPERTY'_		SNOWFLAKE HOLE No.	SF-83-1		SHEET No	3	of _13	
DEPTH	CORE LOST	DESCRIPTION DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au(ppb)	Ag	Cu	Λ
31-32.3	1.2m	Pale buff to light greenish unoxidized Nicola	5509	30.4-32	15	. 7	45	A
(28-62)		volcanics; core loss probably at beginning of				2		
		section where recovered material consists of						
33-3-42-4	god-	small pebbles; scattered quartz stringers.						
22.22.6				00 - 00 -			-	
32.3-32.6	0	Light to dark green Nicola porphyritic flows.	5510	32.0-33.5	25	. 7	14	-
A STATE OF THE STA	- 0	Stmiler to last section; minor f.g. pyrite on	3310	41.1-62.6			1.0	
32.6-33.8	0	Bleached, pale greenish moderately altered flows	sludge	30.4-33.5	(5)	. 9	94	
11154	0	with minor fine grained disseminated pyrite 2 1/2						21 Am
33.8-35.3	1.2m	Similar to last section.	5511	33.5-35	4 5	1.1	8	13.1
		PERSONAL RICK TO MUTTO-STEELING ADTORNESS! CLOCK	1 310086)	39.0-42.6	110	110	10	1
5.3-36.4	25.4cm	Similar to last section; 5% fine grained pyrite	5512	35-36.5	25	1.2	159	
	1176	as disseminated grains and stringers nearly	5515	29.6-41.1	. <3	T-a	10	
•		parallel to core axis.						
36.4-37.1	0	Similar to last section; this rock may be a fine	5513	36.5-38.1	30	2.0	245	
32.88		grained intrusive? which begins at strong fault	3313	50.5-50.1	30	2.0		1
		at ~ 90'.	sludge	33.5-36.5	10	.9	99	
		STEETING CO THAT RECEIOU! BIDGE HICKON WEIDINGS						
37.1-38.7	0	Dark green to bleached pale green volcanic with	5514	38.1-39.6	15_	.9	71	
	,	some areas of minor disseminated pyrite 1-5% av 2%		35.09				
		Esta Riseurap Risk to maics appears associated	[Aladge	30, 3-39,7	1 33	120	123	
				- 1 2 Y MATE	[80] (BBp	F VB	¹ Cn	
PROPERTY		SNOWELAKE TA	57-83-1		SHEET N	P)		13
						-	ь	oue sage

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Suite 310 Kamkoops, a.C. Phone 374-0544

SF-83-1 SHEET No.___4 SNOWFLAKE HOLE No. ____ PROPERTY_ WIDTH CORE SAMPLE No. DEPTH DESCRIPTION Au (ppb) LOST of SAMPLE Ag Cu 38.7-39.4 22.8cm Pale greenish grey to white altered volcanics; 1.0 sludge 35 153 36.5-39.6 minor disseminated pyrite. 39.4-39.9 Similar to last section; minor narrow veinlets of white quartz. 39.9-40.5 7.6cm Similar bleached volcanics; minor disseminated pyrite. Similar to last section-only trace pyrite. 5515 39.6-41.1 < 5 .9 10 40.5-40.9 7.6cm Greenish grey to white-altered volcanics; trace 1.0 70 40.9-41.4 5cm sludge 39.6-42.6 pyrite; minor quartz stringers. 41.4-41.7 Greenish grey volcanics; less altered. 41.7-42.2 41.1-42.6 Similar to last section; minor f.g. pyrite on < 5 5516 1.6 14 some fractures. 42.2-42.9 Light greenish grey silicified volcanics minor disseminated pyrite. 42.9-44.5 1.2m Altered zone consisting of clay between quartz 5517 42.6-44.1 90 1.1 61 stringers nearly parallel to core axis; minor disseminated pyrite.

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Suite - 310 a S

PROPERTY SNOWFLAKE HOLE No. SF-83-1 SHEET No. 5 of 13

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au(ppb)	Ag	Cu	
4.5-45.7	.9m	Presumably similar to last section; mostly rounded	5518	44.1-45.7	175	1.4	96	
4.3-43.7	• >111	pebbles of quartz with disseminations and blebs of		40.5				
		pyrite.	sludge	42.6-45.7	50	1.9	175	
		crembbe quarte septimeers; essebenilly triable,						A.
5.7-46.1	12.7cm	Similar to last section-small pebbles of quartz	RINGE	D1 + 8 - 54 + 8	100/	1.1.8	1 1 2 2	
		with scattered blebs of pyrite; presumably the						
		clay gouge between stringers is washed away.						
	1000	At end of section a 5crseam of siliceous material	2283	br 8-23 3	170			
		with 30% pyrite.						
1515 63		BALLES.						
6.1-46.6	.4m	All core lost.	2322	0012-2016	0.2	1 7 9	100	
40-85 - 41.29								
6.6-47.8	0	From 46.6-46.8m possibly some ground pieces from	5519	45.7-47.2	745	10.5	1100	
		last "lost" section-quartz with 15-20% pyrite and	2 Lague	40.5 - 41.83	150 7	3.50	156	
		scattered minor chalcopyrite; 46.8-47.8m pale	sludge	45.7-48.7	175	3.2	330	
		greenish grey, moderately argillically altered						
		Nicola volcanics; scattered minor disseminated pyrite						
		2.5c quartz stringers at 5 to core axis at end of						
	1/00/00	section.	3381	(8.7-50.8	Tee	173	1 10	
+7.8-48.7	10cm	Pale greenish grey altered, argillic and chloritic?	5520	47.2-48.7	40	2.6	206	
1461		volcanics ? cut by many quartz stringers almost		41.83 - 43.16				
160.71	1,99	parallel to core axis, scattered disseminated						
	1014	pyrite near start of section.	SHIPLE IN	of senters	ศก (bอีก		Tong:	
						l		
PR09297V		SHOWELAKE NOTE NO STATE	3-1		AREET A		P PR	3
								008 314s

Kamicops, B.C. Phone 374-0544

HOLE No. ____SF-83-1 SNOWFLAKE SHEET No.____ PROPERTY. CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Au(ppb) of SAMPLE Cu Ag Very broken core-sample chips; material is essentially 48.7-49. . 3m similar to last section; scattered, very fine grained pyrite grains. 49.6-50.2 Similar light grey altered ? volcanics-somewhat 5521 1.2 39 140 10cm 48.7-50.2 harder; may be silicified here. 50.2-51.2 0 Similar to last section; core very broken. 51.2-51.5 Similar grey white rock-cut by many narrow quartz sludge 150 2.0 48.7-51.8 156 stringers-nearly parallel to core axis. 51.5-52.7 0 Similar to last section; minor scattered fine grained 5522 50.2-51.8 85 1.4 74 pyrite. 52.7-53.3 Similar to last section; core essentially all small 10cm 5523 47 51.8-53.3 chips. 53.3-54.4 Highly altered, chloritized and argillic rock with sludge 1.8 51.8-54.8 100 134 frequent quartz stringers; essentailly friable, 179.5 light green-grey rock with quartz.

KERR-DAWSON & ASSOCIATES LID. DIAMOND DRILL RECORD

Suit 310 a St. Kamloops, B.C. Phone 374-0544

SNOWFLAKE HOLE No. ____ SF-83-1 SHEET No. ____7 ___ of ____13_ PROPERTY_ CORE WIDTH SAMPLE No. DESCRIPTION DEPTH Au(ppb) LOST of SAMPLE Cu 0 1.2 72 Similar to last section; minor scattered fine 5524 210 53.3-54.8 54.4-54.8 grained pyrite. 54.8-55.4 Similar highly altered rock with quartz veins carrying scattered blebs of pyrite running nearly parallel to core axis. 55.4-55,9 54.8-56.3 5cm Similar to last section; 3 minor blebs of chalco-5525 810 4.6 191 11.56 - 49.79 pyrite in a .8cm wide quartz stringer; minor scattered pyrite. Note with gray of veiolets with 04 cm @ 20 6A. 55.9-56.9 Similar light green-grey argillically altered, 5526 56.3-57.9 45 1.0 56 bleached volcanics ?; very little pyrite. sludge 54.8-57.9 100 2.4 166 56.9-57.6 0 Similar grey-white, bleached volcanics. Looks like it was originally an agglomerate; fragments up to 3.8cm in diameter; minor scattered pyrite. 57.6-58.2 10cm Similar to last section; core very broken; some quartz veins running down core axis; no pyrite. 58.2-59.4 0 Light green-grey, fairly massive, hard, slightly 5527 57.9-59.4 10 68 1.0 bleached agglomerate; rounded fragments up to 5cm. across; few quartz stringers at 5-15° to core axis in first .3m section; trace pyrite on 2 fracture surfaces. This rock is practically unaltered.

NERR-DAWSON & ASSOCIATES TID. DIAMOND DRILL NECOND

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SF-83-1 SNOWFLAKE SHEET No. 8 HOLE No. PROPERTY_ WIDTH of SAMPLE CORE SAMPLE No. DEPTH DESCRIPTION Au(ppb) Cu Ag LOST 1.1 89 5528 5 Light greenish grey, silicified, massive agglomerate 59.4-60.6 59.4-60.9 or breccia; minor quartz veins run nearly parallel to sludge 165 1.6 146 core axis; no clay alteration; no pyrite. 57.9-60.9 5529 < 5 .9 82 60.9-62.4 60.6-62.4 Polymictic breccia or agglomerate; rounded fragments 0 up to 7-10cm across; colour change from light greenish grey to dark grey and fresher in last.9m section of this run. Silx hard < 5 62.4-62.7 5530 62.4-64 1.1 74 0 Dark grey, fresh polymictic agglomerate. 250 1.6 141 sludge 60.9-64 52.7-63.3 Similar to last section Dark grey, fresh agglomerate; minor narrow quartz 63.3-64.9 veinlets at 30° to core axis. 64.9-65.3 5531 64-65.5 1.1 Similar to last section; thin chert or mudstone layer-10 78 5-7c thick at 65.3m lies at about 60° to core axis; minor pyrite in thin layer parallel to these sediments. sludge 125 1.3 64-67 115

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SHEET No. 9 of ___ SF-83-1 SNOWFLAKE HOLE No. -PROPERTY-WIDTH CORE SAMPLE No. DESCRIPTION DEPTH of SAMPLE Au(ppb) Ag(ppm) Cu(ppm) LOST 5532 65.5-67 15 89 65.3-67 Green grey, fresh agglomerate or polymictic; 0 volcanic agglomerate. made calc 5533 67-68.5 67-68.5 Similar to last section. In Vole 1st 10 1.1 0 86 67-70.1 68.5-71.3 Similar to last section; scattered minor small sludge 95 1.3 146 0 68.5-70.1 5534 1.2 97 pyrite blebs. 70.1-71.6 5535 10 1.1 86 71.3-74.3 71.6-73.1 Grey to green-grey polymictic volcanic conglomerate: 5536 135 . 5 192 12.7cm section from 73.7m - 74.1m with 10-20% sludge 70:1-73.1 1.4 121 fire assay 5537 (oz/ton) -.035 73.1-74.6 blebs and stringers of pyrite. 800 480 sludge 73.1-76:2 1150 4.8 245 fire assay 5538 (oz/ton) .066 74:3-76.7 Similar rock to 74.9then becoming more bleached and 74.6-76.2 1500 166 having scattered stringers and blebs of pyritescattered quartz veins at 10-30° to core axis; hard, bleached, light grey rock at end of section with up to 7.29/to 3-5% pyrite as scattered blebs up to .6cm in (oz/ton) fire assay .44 diameter, pyr follow a few of veiss. Gen. py 1-15%. 76.2-77.7 5539 6800 11.8 141 76.7-78.2 O Bleached pale greenish grey flow rock? to 77.3 76.2-79.2 sludge 2270 5.0 204 scattered blebs of pyrite common - 3-5%. 1.2-1.9cm. quartz veinlet with pyrite & calcopyrite at 20° to core axis -@ 76.9m from 77.3 to 78.2, grey green homogeneous flow? rock with similar disseminated blebs of pyrite; several thin quartz veinlets @ 30° to core axis. fire assay (oz/ton) .011 .06 5540 77.7-79.2 260 1.3 130

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PROPERTY SNOWFLAKE HOLE No. SF-83-1 SHE

SHEET No. 10

of ____13

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au(ppb)	Ag(ppm)	Cu(ppm	*
8.2-79.8	0	Green to pale grey green, relatively fine grained	ч					
158		homogeneous flow rock with abundant small blebs of						
		pyrite, 2 narrow quartz veins @ 70° to core axis.						
7-7812		PONTRACT MADE SEEDINGS AND STATE AND ADDRESS OF THE PARTY	5541	79.2-80.7	60	1.0	65	
9.8-81.3	0	Pale green to light green grey homogeneous flow rock ?		78-/8				
		as last; similar small blebs of pyrite, one 2.5cm	sludge	79.2-82.2	280	1.4	119	
		quartz veinlet at 30° to core axis at 81.1	5542	80.7-82.2	75	1.1	88	
15/7	1	/26°9					>	53 A W
1.3-83.9	0	f.g. flow or dike rock-partly bleached to light						78 Cu
72.58_	> 1	grey to 81.9 From 81.9 to end of section, polymictic	5543	82.2-83.8	25	1.5	82	
3-75-7	91	agglomerate; mostly volcanic fragments; few	12, 38827 1	74.26	1000	<u></u>		
		scattered blebs and veinlets of pyrite.						
		ebs and stringers of pyrite.	5544	83.8-85.3	695	5.7	95	
3.9-86.3	10cm.	Green to light grey conglomerate as last; variably	sludge	82.2-85.3	145	1.8	212	
16.47		bleached; scattered, minor pyrite blebs and						
		stringers; minor quartz veinlets at 45° to core					\ 	573 Au
		axis.	2239	C 42.70 L	, G			107 0
12-3713	0 3	milar to last sections scattered electronic		76.1				
6.3-87.4	_10cm	Light grey to buff, fine grained, dense altered	5545	85.3-86.8	450	2.1	119	
-68.5	0 1 48	flow or dike rock; pyrite stringers and blebs	1893	76.92				
		common; core very broken; pyrite stringers at .				<u> </u>		
		20° to core axis.		man distribution of the second				
. 94.67			5500					et refe
DEBLIM	COPE	DESCRIPTION	AMPLE NO.	MEQUALITY				
DEERTY		SHOWELARE HOLE No. 2 31-02		- Contraction of the Contraction	EEL HOST			
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SNOWFLAKE SF-83-1 SHEET No. 11 of 13 HOLE No. PROPERTY_ WIDTH of SAMPLE CORE SAMPLE No. DEPTH DESCRIPTION Au(ppb) Ag Cu Similar bleached, silicified ? rock; not much 87.4-87.7 1500 6.3 5 cm sludge 85.3-88.3 1400 pyrite here. H BUND OF Similar to last section; core very broken; 87.7-88.3 25.4cm shear zone ? 180 1.4 5546 86.8-88.3 87 76.92 - 78.2 88.3-89.3 7.6cm From 88.3-89 fine grained, dense dike or flow rock- as before; 89-89.3 silicified volcanic conglomerate. Odd speek py 88.3-89.9 5547 10 1.1 50 89.3-90.2 Green-grey volcanic conglomerate; minor quartz stringers at 30° and 45° to core axis. From 90-90.2m flow rock? Green-grey porphyritic andesite flow; core very 90.2-90.5 5cm broken at start of section. 88.3-91.4 480 sludge 2.8 385 89.9-91.4 90.5-90.6m - andesite flow; from 90.6-90.7m < 5 90.5-91.7 5548 1.2 98 bands of fine mudstone and conglomerate; bedding 90.28 at 50° to core axis; from 90.7-91.7m - conglomerate 91.7-92.2 Similar to last section 7.6cm 5549 **<**5 .9 91.4-92.9 86 92.2-93.2 25.4cm Similar to last section

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SHEET No. 12 SF-83-1 SNOWFLAKE HOLE No. ___ PROPERTY____ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH of SAMPLE Au(ppb) Ag(ppm) Cu(ppm) LOST Similar to last section; 3 to 5% pyrite as 5550 92.9-94.4 < 5 1.0 108 93.2-93.8 0 stringers and blebs in last 25cm section. sludge 91.4-94.4 250 2.3 260 84.80 > flows 5551 94.4-96 < 5 1.1 68 From 93.8-95.7 similar conglomerate, minor disseminated 93.8-96.6 0 pyrite; 95.7-96.6 dark grey green flows. 94.4-97.5 sludge 140 2.0 190 96-97.5 96.6-97.2 5552 < 5 1.0 58 Fairly fresh augite porphyry flows, minor pyrite. 97.2-98 Similar dark green flows to 97.3m; thence bleached, light green-grey flows, cut by several quartz-calcite stringers; traces of pyrite. 15.2cm | Mostly grey-green augite porphyry flows. 5553 97.5-99 < 5 .9 98 - 98.761 97.5-100.5 sludge 175 2.0 201 98.7-100.2 7.6cm | Similar to last section; minor hematite staining 99-100.5 on some fractures. 5554 <5 1.0 34 100.2-100.8 7.6cm. Similar to last section. 100.8-101.1 12.7cm Similar to last section. Similar to last section. 101.1-101.4 5555 < 5 .9 100.5-102.1 44

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SHEET No. 13 of 13 SF-83-1 SNOWFLAKE PROPERTY_ HOLE No. WIDTH of SAMPLE CORE DEPTH SAMPLE No. DESCRIPTION Au(ppb) Cu LOST 101.4-102.8 100.5-103.6 0 sludge Similar to last section. 110 3.3 176 102.1-103.6 < 5 102.8-103.3 0 Similar to last section. 5556 .9 75 103.3-105.1 103.6-105.1 12.7cm Similar green augite porphyry flows to 103.9m; 5557 10 1.2 57 1.5 Au then light greenish grey bleached rock with scattered calcite stringers; scattered disseminated pyrite. sludge 192 103.6-106.9 260 1.6 105.1-106.3 7.6cm First 60.9cm are mostly dark green relatively fresh andesite (augite porphyry) flows; last 60.9cm are typical bleached grey white rock; 105.1-106.3 5558 45 1.0 70 traces of pyrite. 94.2 - 94.73 106.3-106.9 60.9cm Core lost because tube did not lock. END OF HOLE

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Phone 374-0544

PROPERTY Snowflake

HOLE No. SF-83-3

	Corre	Corrected			
Footage	Angle	Azimuth			
76.2 m.	-47°				
-		THE THE T			

Core Size	N.Q.
	4.5°
Claim	
Section	
Bearing	265°T

Total Depth 93.57 m. % Recovery 95% Elev. Collar 255/26/15 3356/2 22/26	Sheet No
Latitude3. +85NW	Date Finished

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm	7 4775
m3913) 18	Overburden to 19.5 m.						•
meters			5615	1,5-38,1	₹5	1.3	86	
19.5-22.2	0	Typical grey green fresh Nicola porphyritic flows;	5604	19.5–21.3	5	1.3	79	
F	•	feldspar phenocrysts up to 4 mm. long; scattered						
		interstitial epidote; minor accessory pyrite.						
			5605	21.3-22.8	5	1.2	56	
22.2-25.2	0 .	Similar Nicola andesite flows; epidote common as						
		stringers and small blebs; minor scattered	5606	22.8–24.3	< 5 .	1.1	106	
		pyrite grains.						,
		DIA WEER'S ALECTRICO SUGERICAL SOME ELECTRIC	2010	2-3815	5	1'1	194	36 Derf
25.2–25.9	7.6 cm	Pale grey to green grey andesite flows; epidote	5607	24.3–25.9	< 5	1.1	47	A198am
		common as stringers and blebs.	5608	25.9–27.4	< 5	1.2	73	111A5 25A
		Transfer Committee Breeze Breeze Breeze Grand Grander						
25.9-28.9	0	From 25.9-27.4m - similar flows with scattered	2017	3*3-39	2		86	
25.88		epidote; 27.4-28.9 becomming agglomerate - frequent	5609	27.4-28.9	< 5	1.3	116	
//		egidotized fragments; minor scattered accessory						
		pyrite.	EXAB					
33.8	0		5610	28.9–30.4	〈 5	1.1	86	
28.9–32	0	Dark green grey andesitic agglomerate; some granitic	awithol 5 fee	MIDUM				
la l		fragments; frequent epidote as stringers and blebs -	5611	30.4–32	< 5	1.1	101	
		5-7%.						Libra que
		PARTITION OF MADOCRATES THE STREET	un nu	FF 1657	aich .		and Services	- 1

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PROPERTY Snowflake HOLE No. SF-83-3 SHEET No. 2 of 8 CORE WIDTH of SAMPLE DEPTH DESCRIPTION SAMPLE No. 32-33.8 Similar to last section; fragments are usually 5612 1.3 102 32-33.5 epidotized. From 33.8-34.4 m. similar agglomerate with epidotized 33.5-35 33.8-35.3 0 5613 5 1.2 86 fragments; 34.4-35.3 fresh green gray, slightly porphyritic andesite. 35.3-35.9 5 cm Light grey, fractured andesite; some fracture 5614 35-36.5 1.1 94 18 ~ parallel to core axis. Similar to last section 35.9-36.2 2.5 cm 36.2-37.9 Dark green andesitic flow; minor fracture and 0 calcite stringers approximately parallel to core axis. 5615 36.5-38.1 **<**5 1.3 37.9-38.7 Similar to last section. 38.7-39.6 10 cm | Green grey fractured and broken andesite; very 5616 38.1-39.6 **<**5 1.3 friable in last 20 cm section; minor calcite stringers. 39.6-40.2 50.8 cm | Gouge zone; most core is lost only core recovered is green grey andesite with epidote blebs.

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SHEET No. SF-83-3 SNOWFLAKE HOLE No. ___ PROPERTY_ WIDTH CORE SAMPLE No. DEPTH DESCRIPTION Cu LOST of SAMPLE Very shattered broken rock of grey andesite with 40.2-40.5 7.6 cm epidote blebs and stringers. Similar to last section. 40.5-40.8 5 cm 5617 39.6-41.1 5 1.2 62 Grev green fresh andesite with 3-5% epidote as 40.8-42 scattered blebs; minor pyrite on one fracture. 5618 < 5 1.0 48 41.1-42.6 42-44.8 0 Similar to last section. 5619 42.6-44.1 1.3 75 44.8-47.8 Dark grey green, fresh andesite with scattered 44.1-45.7 45 1.3 5620 69 epidote blebs and frequent scattered small grains 45.7-47.2 5 1.3 5621 80 of pyrite. < 5 5622 47.2-48.7 1.3 120 15 1.4 Similar to last section; traces of pyrite only. 96 5623 47.8-50.9 48.7-50.2 10 1.5 112 5624 50.2-52.8 Similar green grey andesite flows with scattered 50.9-53.9 0 5 1.3 small blebs of epidote. 5625 51.8-53.3 102 53.9-54.2 15 cm 53.3-54.8 5 Similar rock but highly broken and sheared-5626 1.1 73 fault zone?

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HOLE No. SF-83-3 SHEET No. 4 of SNOWFLAKE PROPERTY____ CORE WIDTH DESCRIPTION SAMPLE No. DEPTH Ag Cu LOST of SAMPLE 54.2-55.3 7.6 cm Dark grey green andesite with frequent scattered blebs of epidote. 55.3-55.4 0 Similar to last section. 55.4-56 5 cm Similar to last section. 5627 54.8-56.3 5 1.1 .63 56-56.6 12.7 cm Similar to last section. 56.6-57.6 10 cm Similar to last section. 56.3-57.9 5628 1.1 101 57.6-58.2 17.7 cm Green grey, fine grained andesite flows; no epdiote; core very broken. 58.2-58.8 Similar to last section. 58.8-59.4 Similar to last section; minor scattered egidote 57.9-59.4 5629 **4**5 1.1 79 blebs. 59.4-60 7.6 cm Similar to last section. 60-60.6 Similar to last section. 5630 <5 59.4-60.9 1.0 51 60.6-61.2 25.4 cm | Similar green grey andesite-core highly broken. 61.2-61.8 Green grey andesite-fairly fresh with scattered circular blebs of epidote.

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SNOWFLAKE HOLE No. ___ SHEET No. PROPERTY____ WIDTH Cu CORE Au Ag SAMPLE No. DESCRIPTION DEPTH of SAMPLE LOST Similar to last section. 61.8-62.1 60.9-62.4 < 5 5631 1.0 12.7 cm Similar to last section. 62.1-62.7 Core ground but appears similar to last section. 62.7-63.3 43.cm < 5 1.0 33 5632 Grey green andesite with epidote blebs as before. 62.4-64 63.3-63.7 63.7-64.6 68.5 cm Similar to last section; tube did not lock. 64.6-65.2 7.6 cm Similar to last section. < 5 5633 1.1 76 64-65.5 65.2-65.8 20.3 cm Similar to last section. 65.8-66.7 Similar to last section. 5 75 5634 65.5-67 1.0 66.7-67.3 7.6 cm Similar to last section. 67.3-67.6 2.5 cm Similar to last section. 67:6-68.2 Similar to last section. < 5 5635 .9 46 67-68.5

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PROPERTY_		SNOWFLAKE HOLE No. SI	F-83-3		SHEET N	06	of	8
DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
68.2–68.8	22.8 cm	From 68.2-68.5m - similar andesite but bleached and						
		slightly hematite stained; from 68.5-68.8 bleached	5635	7-68,5	<.5	*å	46	
25 9 -99/3	0	andesite with 60-70% banded chalcedonic quartz						
		veins @ 40° to core axis; trace pyrite; some						
2000	TE SETTI	hematite along fracture.				1 (3)	77	19.0
	and the state of t	The state of the s			Ŧ.			111
68.8-69	0	Bleached hematite stained andesite with scattered,						
187	1175	thin, chalcedonic quartz stringers at 45° to core	5634	(5.5-67	5	1.0	75	
L.8-66.7	0-4-1	axis - estimate 5-8% quartz.						
	rejekt							
69-69.7	0	Similar to last section; 1-2% quartz	5636	68.5–70.1	< 5	1.0	48	
			5633	4-65.5	< 5	1.1	75'	
59.7–70.4	0	First 30cm is similar pink, altered, hematite						
	1815001	stained andesite with minor, very narrow quartz						
7270	Sign of the second	stringers; very finely divided pyrite in 2 of them;						
terfrage -	the t	last half of section is bleached grey white altered						
(1999)	0 -	andesite with traces of hairline quartz stringers	5632	2.4-64	45	1.6	33	
		2-3% quartz in section; 40° to core axis.						
11493	13 - 14	one ground but appears similar to last section.						
70.4-72.2	0	Pinkish buff to white altered andesite with	5637	70.1–71.6	< 5	1.0	19	
	12.7 (0.0)	minor narrow quartz and quartz calcite veinlets -						
	2540 }	@ 40° to core axis; < 1% quartz,	5631	018-62.4	83		48	
Marine (Fig. 2)	O management of	indian'to last section						
DEBLH	COEMEN	DESCRIBTION	SAMPLE NO.	WADTH ST	yn 1	Ag	00	
OBERLAT		HÓTE NO THE ST			HEET NA		91.	
otygy	and the							
	17 (799-17	SHERE CALL CONTROL OF BUILDING	HAN INUE	FET - 127 (8) (6) (8)	193%		101	

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HOLE No. SF-83-3 SNOWFLAKE SHEET No. 7 of PROPERTY_ WIDTH CORE SAMPLE No. DEPTH DESCRIPTION Cu Ag of SAMPLE LOST From 72.2-72.4 m similar to last section with 10% 72.2-73.1 25.4 cm < 5 5638 71.6-73.1 1.1 67 quartz stringers and veinlets; ..72.3 - 73.1 cm. light grey less altered andesite with minor quartz veinlets - 1-2% quartz; core highly broken. 73.1-74.3 Highly broken greyish weakly altered andesite; < 5 scattered very narrow quartz veinlets - 1-2% quartz. 5639 73.1-74.6 1.2 143 proj. (66.81 74.3-74.9 15.2 cm. Similar to last section; 5 cm vein of calcite at end of section. 74.9-75.8 15.2 cm Highly broken grevish andesite; scattered narrow quartz veinlets; minor very fine grained pyrite 74.6-76.2 5640 20 1.0 146 on some fractures. 11 75.8-76.8 10 cm Similar to last section - 1-2% quartz as very narrow veinlets; some running nearly down core axis; minor very finely divided pyrite. 76.8-78.3 Grey to green grey; very broken andesite and 5641 76.2-77.7 1.2 140 andesite agglomarate. last 45.7c is definitely less altered; minor quartz veinlets and minor very finely divided pyrite as scattered grains.

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Kamloops, 8 Phone 374-05

8 SF-83-3 SNOWFLAKE HOLE No .-SHEET No .___ PROPERTY_ WIDTH CORE SAMPLE No. DEPTH DESCRIPTION Au Cu Ag of SAMPLE LOST 931879416 5642 10 1.0 74 Dark green andesite agglomerate; virtually 77.7-79.2 78,3-81.3 , g ALX unaltered; minor disseminated pyrite. 5643 40 1.2 103 79.2-80.7 81.3-84.4 Dark green andesite agglomerate; minor epidote 9.2 5644 20 1.4 195 blebs; scattered quartz stringers at 20° to 70° 80.7-82.2 to core axis; minor fine grained disseminated 5645 82.2-83.8 20 1.1 104 pyrite; trace chalcopyrite @ 82.2 m. 5646 80 1.5 62 83.8-85.3 94 Au 84.4-87.4 Similar to last section. 5647 155 1.3 137 85.3-86.8 86.8-88.3 5648 70 1.3 136 87.4-90.5 Similar to last section; minor quartz and quartz epidote stringers: some fragments of epidotized 5649 70 1.0 67 88.3-89.9 rock. L . 200 110 1: 90-5-93.5 5650 89.9-91.4 50 1.0 74 Fairly fresh andesite agglomerate as last section. 91.4-93.5 5651 40 1.0 107 END OF HOLE. 100

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

Suite 1 - 219 Victoria St Kamloops, B.C.

Kamloops, B.C. Phone 374-0544

PROPERTY Snowflake

HOLE No. SF-83-4

HU/10 = 67.45

	Corrected			
Footage	Angle	Azimuth		
94.4 m	-47	sis co r		
	Augus .			

Core Size	N.Q.
Angle of	N.Q. -45°
Section	
Bearing	265° Az

Total Depth 95.4 m. % Recovery 95%	Sheet No
Elev. Collar Est. 3310 = 1009 ".	Date Begun
Latitude 5 + 88NW	Date Finished
Departure 4 + 21SW	Core Stored A

Sheet No 1 of 8
Logged by W. Gruenwald
Date Begun Oct.14/83
Date Finished Oct. 17/83
Core Stored At Kamloops

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm	
0-24.3 m.	18	Casing - overburden						
proj 21.85	and the	xture. Occasional bairline quartz veinlets noted-						
24.3-26.5	15.2 cm	Gray, fine grained semi consolidated "overburden"						
0.8.		core (?) is frozen. This does not appear to be						
	1040	bedrock. Fragments consist of green-gray fine						
dit u	- 11/5 M/50	grained volcanics, and sediments along with occas-						19 San
oury districts at the same	A SUNIVERSITY OF THE PROPERTY	ional massive medium grained granitic fragment.	5652	24.3-27.4	10	.4	37	
	3b .							
26.5-29.5) 1.5m	Similar to above - granite fragment @ 26.6 m.	5653	27.4-30.4	5	.6	35	pr.36 CV
D.B		enter a company of the desire	3030					32.00
29.5-30.4	.6 m	Similar to last section.	5654	30.4–32	5	.7	47	
08)								
30.4-32.3	15.2 cm	Similar to last section except definite bedrock of						
29.08		green, fine grained volcanic noted by 31.6 m.						
31.6 Bull	ock (I.E.)	Conglomeritic texture of volcanic material noted						
(28,42) proj d	15.06	at 31.6 m. Epidote is commonly observed in volcanic	3.44	35-33-3	5	1.7	80	
		material.						
(4.74 P.)	12/3/24	reenish, Tine grained porphyritic Nicola andesitie				5157	60	-
	1000	DESCRIPTION	SAMPLE No.	MIDLIA				1
	gas 4	HOFE M9 - SE-0			SHEET A	0 - 15		9
								seaso as evo
No.		The second secon	NAME OF STREET	er Branchis P at	district	i i		Karracking I

PROPERTY_____SNOWFLAKE

HOLE No. SF-83-4

SHEET No. 2 of 8

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
32.3–33.8	15.2 cm	Greenish, fine grained porphyritic Nicola andesitic						
if		flow with abundant epidote (propylitic alteration).	5655	32–33.5	5	1.9	89 .	
969		Core is quite broken and locally limonitic on						
969		fractures. Quartz + calcite veinlets up to 0.5 cm.					120-1	
Mark to p	9/1	@ 30° to 60° to core axis. Sulphide content < 2%	146	207	N Yer			15 (2)34
W. The state of th		generally py are as blebs ofin And.						
	No.		2024	30**=35	72	-7	47	
33.8-35	.6 m	Similar to last section except very few quartz						
1 X 2 30		stringers. Core very broken.	5656	33.5–35	< 5	1.0	40	
35–35.6	15.2 cm	Similar to last section except core not as broken	5652	24.3-27.4	. 70	14	37	
lane e		up. Eqidote still quite common.						
Stage .		The minous consist of Brean-Bray line						
35.6–36.8	15.2 cm	Green, fine grained, more massive, propylitically						
1164	448	altered Nicola andesite. Shows relic prophyritic						
(21.41		texture. Occasional hairline quartz veinlets noted-						
		generally less than 0.2 cm. wide. Some fractures						
	i i i i i i i i i i i i i i i i i i i	show hematite + limonite alteration. Sulphides	SAMPLEN	MIDTH of SAMPLE	Au pob		Cu nom	
. Ingenier		generally less than 1-2%. 0.5%	5657	35–36.5	< 5	.7	19	
		Bearing 265° AZ	razimos	+ 00NW	Dall	Finished.	ger ti	13.
36.8–38.4	15.2 cm	Similar to last section .	5658	36.5–38.1	< 5	1.0	24	3
3 30	nile likely w	ngte Azimuth Angle of Hole -45°	5659	38.1–39.6	5	•5	30	
38.4-41.1	0	Similar to last section (Core less broken)	5660	39.6–41.1	< 5	.8	24	
Harry Co.		The state of the s	- HC	LE No	SF-83	-4		
41.1-42.9	< 15 cm	Similar to last section	5661	41.1-42.6	< 5	•5	45	rus num
			5662	42.6-44.1	< 5	.8	28	ambaga,
. 2		KERR TRANKIN E ASSIGIATES IN TRA						

KARA-AWON ASSOCIATES DE DAM CAD MILLEECED

Su 5 - 31 sa pla Kamicops, B Phone 374-05

SF-83-4 SHEET No. 3 SNOWFLAKE PROPERTY_ HOLE No. ___ WIDTH CORE SAMPLE No. DEPTH DESCRIPTION Au Ag Cu of SAMPLE LOST .8 Similar to last section, Core quite solid, less 20 42.9-46 5663 44.1-45.7 fractured. Stringers of quartz + eqidote locally < 5 .8 41 45.7-47.2 5664 common, generally 45° - 65° to core axis. Occasion. heights 12 Toft high corbo 46-47.8 Similar to last section except rock becoming bleached < 5 .8 31 looking, siliceous @ 46.6-46.8 m. and 47.2 to 5665 47.2-48.7 157.74 47.8 m. Relic porphyritic texture still present. Slickensides noted @ 47.5 m.(30° to core axis) Quartz stringers also @ 30° to core axis. 48.7-50.2 Light to medium green, massive, fine grained 5666 47.8-50.9 < 5 porphyritic Nicola andesite flow. Epidote still 5667 50.2-51.8 .5 39 quite common. Quartz stringers quite common from hairline to 0.75 cm. wide. Vast majority of stringers < 30° to core axis (C.A.). Some stringers commonly associated with hematite. Quartz + hematite stringers most common between 47.8-49.3 m. More massive andesite from 49.3 to 50.9 m. 50.9-52.7 Green, fine grained massive Nicola andesite. Weak 15.2 cm < 5 5668 51.8-53.3 .6 32 porphyritic texture present. Epidote still pervasive. Fine quartz stringers still present but not intense. 2/0/4

Kamkoops, I Phone 374-0

HOLE No. ___SF-83-4 SNOWFLAKE SHEET No. 4 of 8 PROPERTY_ CORE WIDTH DEPTH DESCRIPTION Au SAMPLE No. Ag LOST of SAMPLE 0 < 5 Similar to last section 52.7-54.8 5669 53.3-54.8 . 4 32 Similar to last section. Few quartz stringers 2/4 54.8-57.3 < 15 cm still present, @ 30-45° to core axis. Sulphides scarce. Epidote pervasive. benefite free! 5670 54.8-56.3 < 5 .6 25 50.63 Similar to last section but more broken 57.3-58.5 15.2 cm 1755 especially between 57.3-57.6 m. - possible 193.0 shear zone ? Another crumbly section (shear) @ 58.2-58.5 m. Hematitic gouge noted on some 5671 30 .6 105 56.3-57.9 pigid (52.07) surfaces (30° to core axis). 45.7 cm 58.5-61.2 Green, massive, fine grained Nicola andesite with usual epidote alteration of feldspars and groundmass, with exception of minor quartz + 5672 57.9-59.4 < 5 .5 116 hematite fracture surfaces, this rock is much 5673 59.4-60.9 < 5 like preceding sections. Quartz + hematite stringers generally rare and usually @ 30 to 45° to core axis. 61.2-62.1 15.2 cm. Similar to above section 45 5674 60.9-62.4 .6 20 To 204 epidete & 10-15 % frak 204 - 2 57. 2 5 mointy as bless , also in froct

RAR-SAVISON-E ASSOCIATES LTG. - STAMOND BRILL RECORD

Kamloops, L Phone 374-0

SNOWFLAKE HOLE No. ___ SF-83- 4 SHEET No. 5 of 8 PROPERTY_ WIDTH CORE DEPTH SAMPLE No. DESCRIPTION Au Ag Cu LOST of SAMPLE Pale green, variably bleached and siliceous 62.1-64 .6 m altered andesite. Quartz veining quite common 10 py. in /h < 5 .6 28 62.4-64 5675 2/ 1.2 with most prominant veinlets @ 5-15° to core axis. Locally abundant very fine grained pyrite average content probably 1 - 2% +. Some evidence of shearing evidenced by slickensides on edge of veins @ 63 m. 64-64.6 Green, fine grained, massive propylitically .3 m altered andesite, similar to those above. 15 5676 .8 64-65.5 121 is pale gray bleached material 64 - 64.3 m. noted in last section with small clots of fine grained pyrite. 64.6-65.5 15.2 cm Typical green, fine grained Nicola andesite - still 1965 shows abundant epidote, weak to moderate 5677 65.5-67 45 .8 38 porphyritic texture. Quartz veinlets < 1mm. to 4/4 216.15 5 mm. at 30 to 45° to core axis. - also ineq. off shooting front Similar to last section. 65.5-66.7 15.2 cm 0 Similar to last section 66.7-68.2 5678 6-68.5 15 .8

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Kamkoops, I Phone 374-0

HOLE No. _____SF-83-4 SNOWFLAKE PROPERTY_ SHEET No. 6 of 8 CORE DEPTH WIDTH DESCRIPTION SAMPLE No. Au Cu Ag LOST of SAMPLE Similar to last section - quartz + calcite 68.2-70.7 15.2 cm stringers and veinlets still present - locally 5679 68.5-70.1 < 5 56 moderately abundant, generally @ 30-45° to core axis. Sulphide content low < 1%. interstital caloite Similar to last section - andesite shows good 01 70.7-73.7 5 .8 68 porphyritic texture in places. 5680 70.1-71.6 < 5 5681 71.6-73.1 93 73.7-76.2 Similar to last section - epidote still pervasive 15 30 cm 5682 73.1-74.6 108 .7 74.6-76.2 5683 1.1 109 76.2-78 76.2-77.7 0 Similar to last section · 5684 < 5 22 78-79.5 < 15 cm 5 Similar to last section. Weakly bleached and 5685 77.7-79.2 .6 17 sheared @ 78.7 - 79.2 m. Similar to last section. Core more broken and 79.5-80.1 15.2 cm 5686 .6 79.2-80.7 showing signs of minor shearing. Similar to last section. 80.1-81.9 45.7 cm (5 5687 80.7-82.2 .6 81.9-83.2 30 cm Similar to last section: 82.6 - 83.2 m crumbly -< 5 5688 82.2-83.8 1.1 11 gougy (?) zone with moderately abundant quartz 214,50 veining. Quartz-hematite veins @ 82.6 - 82.7 m. @ 60° to core axis. High calcile in fractived rough spring frank

KERR-DAWSON & ASSOCIATES TO DAMIGED SILL ECOLD & SU

HOLE No. _____SF-83-4 SNOWFLAKE SHEET No. 7 of 8 PROPERTY_ CORE WIDTH of SAMPLE DEPTH DESCRIPTION SAMPLE No. Au Ag Cu LOST < 15 cm Typical green, fine grained, Nicola andesite with 83.2-84.7 5689 < 5 83.8-85.3 .7 5 usual epidote alteration along with usual quartz + calcite + epidote veinlets. Some evidence of slickensides indicates minor shearing still present. Sulphide content low < 1%. Similar to last section. 84.7-87.7 87.7-89.6 5690 < 5 .7 18 Similar to last section. Core generally massive 0 85.3-86.8 .6 but with small locally crumbly sections. 5691 27 86.8-88.3 89.6-91.1 5692 < 5 .6 5 88.3-89.9 Similar to last section. -Similar to last section. We obvious difference in rock a silkers 91.1-92 5693 89.9-91.4 90 .6 67 15.2 cm. 92-92.9 30.4 cm Similar to last section. Core locally quite 5694 < 5 .6 70 91.4-92.9 broken. not in box 92.9-94.7 Similar to last section. Quartz veinlets not 30.4 cm common. One vuggy quartz vein @ 93.7 m. (2 cm. wide) 45 5695 .8 92.9-95.4 395 with minor MoS2. This vein @ 60-70° to core axis: DESCRIBLION 709.21

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Su - 31 - 31 - 31 - 31 - 51 a S Kamkoops, 8 (Phone 374-054

PROPERTY_		SNOWFLAKE HOLE No.	SF-83-4		SHEET N	o. <u>8</u>	of	8
DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE				
94.7–95.4	60.9 cm	Similar to last section - core quite broken.						
736		Rock still consists of green, fine grained						
		relatively massive Nicola porphyritic andesite						as well
		with pervasive epidote. Sulphide content	19) EKS:		514	B	Villa	1000
EU 0"01 3	1 30 V 45	generally low.	La proposition	A Thursday	h			4, 40
		PROPERTY OF HOLE					**	
80763 0	30.4 cm	END OF HOLE	5604		4.5		7.0	
@7°1-85	15.2 mil.	Similar to last section	5603	50 0 0F V	eu.	1.6	83	
				1 1 34-53				
80 6 01 1		Similar to last section	5692	88 3 80 0	5.8	18	3	
		but with email locally crumbly sections	5691	86 8 88 3	-,			-
0111-0110	0	Similar to lest section (one generally marries	5690	as v av a				
304 2 40 1					- 10			
2012-83.7	0	Similar to last section.			-			-
		oresent. Sulphide content low < 1%						
		slickensides indicates minor shoaring still						
		calcite amidote weinlate. Some suidence of						
		versal extilute alteration close with usual enacte	¥ 2689	83 8 88 3	3.5			
		Trofcal grann fine grained Nicole andestes with						
DESIM	CORE	DESCRIPTION	SAMPLE No.	MTGIN	y ca-	N. W.		
KROKEH . J		HOLE No.	95-77		SHEEF N			
	- TR						10 p. 10-1	
				Trees to	asin n			HT-HEEDE I

PROPERTY SNOWFLAKE

HOLE No. SF 83-5

DIP AND AZIMUTH TEST

Corrected

Footage Angle Azimuth

Total Depth 64.6 m. 68.45.67

% Recovery 68%

Elev. Collar mast office topics 1012*

Latitude 4 ± 51NW

Departure 3 + 89SW

Call Call Carrier Carrier

DEPTH	CORE LOST	THE TOTAL TO THE PROPERTY DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Auppb	Agppm	Cu.ppm
0-24.3 m.		Casing	3154	51.6-54.8	< 3	1.3	1.76
- Marie	0	Similar to last section-poorly contact and					
24.3–27.4	3 m.	O.B. (?)	SASR	48, 7-51,8	₹ 2	.5	
proj. 124.63		sections.					
27.4–30.4	1.5 m.	Started coring brown gray, clay rich mud (?)	5696	27.4-30.4	< 5	.7	48
3-day		containing small fragments of volcanic, &	3/5/	45.7-48.7		1 7	100
		sedimentary rock.					
	7 10	Similar to last section except larger post of					
30.4–32.6	1 m.	Similar to last section-rock fragments locally					
		up to 1 cm. across.	5697	30.4-33.5	< 5	.7	45
	era mi	Foorly soiled, clay-silt rich sediment with small					
32.6–33.8	.6 m	Similar to last section, rock (?) appears to be			22	-0	33
		much like varved clay (-ie lake bottom sediment)	5000				
	13 300	- possible bedding @ 45° to core axis, indicating					
VI - VI V		probable flat lying clay rich sediments.			-13	10	
		Company to the first seatherts, Few rock fragments,	5700	30 K. A.9 E			
33.8–35.6	.6 m	Similar to last section - becoming dark gray					
38, 7-41, 1		"claystone" @ 35.3 m.					
		A Line Krained sandstone 8 38,2 m.	5699	36,5-39 £	E		
35.6–36.8	.6 m	Similar to last section - dark gray clay.	5698	33.5–36.5	₹ 5	.9	48
36.8-38.	10 H	61043	E Jansang:	FOLL WIDTH			
DEFTH	CORE	- DECOMPANY			24661	-149	5 9 3

\$ 33 22 = 10125

PROPERTY_____SNOWFLAKE

HOLE No. SF 83-5 SHEET No. 2 of 3

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
36.8–38.7	.6 m	Similar to last section - becoming light-medium	5698 3	5-36.5	E I			
5.6-36.9	-6/m]	brown siltstone & fine grained sandstone @ 38.2 m.	5699	36.5–39.6	5	.6	42	
38.7–41.7	30 cm	Brown, siltstone, fine grained sandstone-semite						
3-00	8.4	unconsolidated sediments. Few rock fragments.	5700	39.6–42.6	< 5	.6	35	
41.7–44.8	< 15 cm	Similar to last section except rock fragments of						
day		volcanics and intrusives becoming common @ 44 m.	5726	42.6–45.7	< 5	.6	33	
44.8-47.8	2.4 m.	Poorly soiled, clay-silt rich sediment with small	3034	30.4-33.5	<2	+3	65 7	
		rounded polymitic rock fragments.						
47.8-49	1 m	Similar to last section except larger rock fragments						
		-no bedding observed.	5727	45.7–48.7	5	.7	40	
49-53.9	3.6 m	Similar to last section-local clay, siltstone	2696	27.4-30.4	K 8			
		sections.	5728	48.7–51.8	< 5	. 5	38	
53.9–55.4	0	Similar to last section-poorly sorted sediment.	5729	51.8–54.8	< 5	. 5	42	
55.4-57.3	•3 m	Similar to last section.	5730	54.8–57.9	5	. 3	40	
			etitude (a	210H	6 6,935 5 6,935	Luniusta Luniusta	7666 767	A SECURITY OF THE PARTY OF THE
		Claim	Acer Consty	OQ2	Logo Gate	g par	gLasum9	19
1.001	ilie 90	Sic Seximity And of Heb - Affairment.	Total Depth	M.O.W.	800			3
			190	- PO-	28 83 B			

EK-ANUM AUGHIELID - MANDERILEREERDE

206 - Jicol Kamkoops, Phone 374-0

PROPERTY_____SNOWFLAKE

HOLE No. SF 83-5

SHEET No. ____3 ___of __3

DEPTH	CORE	DESCRIPTION TO THE PART OF THE	SAMPLE No.	MIDTH of SAMPLE	Au	Ag	Cu	
57.3-58.2	.6 m	Similar to last section. Very poorly sorted		C 14 2 - C 1 14 11		370	90	
36,6-25,9	- 20 to	sediment.						-
58.2-60.9	1.2 m	Brown, varved (?) clay zone. Fewer rock fragments	5731	57.9-60.9	5	.3	42	
		noted. Very definite bedding noted @ 60.6 m. @ 60°-	3194	22.8-26.3	2	5'1	128	
52 9-58	12.77	65° to core axis. 60.6 - 60.9 m back into poorly						
		sorted sediment.						
		beds and quartz stringers 0 5 100 to						
60.9-61.5	.4 m	Similar to last section. Large pebbles > 3cm						
		across. Clay to sandy matrix.	1/					
61.5-63.3	1.5 m	Mixed coarse grained, poorly sorted, non stratified						-
		sediment and varved clay. End of section into	5733	21.3-22.8	12 .	510	110	
ļ .		sandy sediment with abundant rock fragments.						
63.3–64	.4 m	Only few volcanic pebbles recovered - rest washed						-
19-51-3		away.	5732	60.9-64.6	< 5	.8	58	
	TUE	DESCRIPTION	TSAMPLE N	A OF STATES	M Back			
64-64.6	.4 m CON	Similar to last section - only pebbles left.	Nebel Inte-	1000		ALOUGO WI	1	
		Sandy unconsolidated matrix washed away since 63.3 m.	Andrew Control	Tuen Tuen	one pass	Employ 3	GE / 5359	
		Section	stev. Collar		Lon Darie	an ob	N/ 43	
15001	ide V	END OF HOLE	Tetal Depth	33.5.m. B9%		A pop amili	- Minimal By	3
T DI	AND AZII	ntr teat		CE NO			. 10	
N. C.		PROPERTY SNOWPLAKE	4					
								ω ₁ 30
				District Pr			537	1

PROPERTY SNOWFLAKE HOLE No. SF 83-6

Kamloops, B. Phone 374-054

	Corr	rected
ootage	Angle	Azimuth

Core Size	N.Q.
	- 45°
Claim	·/
Section	
Bearing	265° Az

Total Depth 33.5 m.	Sheet No 1 of 2
Total Depth 33.5 m. % Recovery 89%	Logged by W. Gruenwald
Elev. Collar	Date Begun Oct.21/83
Latitude 6 + 07NW	Date Finished Oct.23/83
Departure 5 + 10SW	Core Stored At

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm
0-21.3 m.		Casing	5732	80'0-101'E	< 3	111	88 12
		Page - rest state - rest state					
21.3-22.2	.4 m	Dark gray to black graphitic argillite with clots					
		and stringers of fine grained pyrite. Evidence					
		of slickensides common often @ 5-20° to core axis.	5733	21.3-22.8	15 .	2.0	110
		At 22 m 1/2 cm. wide pyrite bed @ 5° to core					
15-6313	1.5 m	axis. Some brecciation noted @21.9-22.2 with quartz					
		infilling.					
		scross. Clay to sandy letels.					
22.2-22.8	15.2 cm	Similar to last section - still noting pyritic					
		beds and quartz stringers @ 5-10° to core axis.					
		Souled sediment					
22.8–24	.7 m	Similar to last section.	5734	22.8–24.3	5	2.7	158
		noted. Very definite bedding noted & got	2121	ara wra	3	1 2 3	85
24-24.6	15.2 cm	Similar to last section.	5735	24.3-25.9	5	1.0	140
		•					
24.6-25.9	•4 m	Similar to last section.	5736	25.9-27.4	5	2.0	160
N 3-28-5	e la la	Simular to last section. Very poprly sorted			-		
25.9-26.5	0	Similar to last section. Pyritic beds @ 26 m. @	SAMPLE No.	WIDTH			
		5-6° to core axis.			- 29EF1	Mo ====	7 3
ROPERTY		SMONELAKE					

Kamloops, B.C.
Phone 374-054

Core Stored At

DIP AND	Corrected	V
Footage	A Angle	

Core Size N.Q.

Angle of Hole -45°

Claim...

Section...

Bearing 265° Az

SNOWFLAKE

HOLE No. SF 83-6

Departure 5 + 10SW

DEPTH	LOST	DESCRIPTION	SAMPLE No.	of SAMPLE	Au ppb	Ag ppm	Cu ppm	
0-21.3 m.		Casing						
21.3-22.2	.4 m	Dark gray to black graphitic argillite with clots	3140 35-	33.5	3	1-2	10 - 1	
198		and stringers of fine grained pyrite. Evidence		1.5				
4,119 3 3		of slickensides common often @ 5-20° to core axis.	5733	21.3-22.8	15 .	2.0	110	
		At 22 m 1/2 cm. wide pyrite bed @ 5° to core	3158 30	projd 20.49	K 8	110	9	
		axis. Some brecciation noted @21.9-22.2 with quartz						
		infilling.						
22.2–22.8	15.2 cm	Similar to last section - still noting pyritic	5738 28	9-30.4	3	115	P	
		beds and quartz stringers @ 5-10° to core axis.						WE VE
22.8–24	.7 m	Similar to last section.	5734	22.8–24.3	5	2.7	158	1
22:0-24	2'S CW S	umiliar to last section - bedding 0 5-10% to core	3131	22.0 24.5		2.7	130	
24-24.6	15.2 cm	Similar to last section.	5735	24.3–25.9	5	1.0	140	
24.6-25.9	.4 m	Similar to last section.	5736	25.9–27.4	5	2.0	160	7
	roat		SAPLE NO	SAMPLE	ra j	/B		
25.9–26.5	0	Similar to last section. Pyritic beds @ 26 m. @			20 F.J. 140*			
DPERTY		5-6° to core axis.	3-6					0.53 4 -0249
	WEKK-	DAWSON & ASSOCIATES LED. T. DIREROR	11:53611	THECO			TOTAL STATE	entage entage

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HOLE No. ____ SF 83-6 SNOWFLAKE SHEET No. 2 of 2 PROPERTY_ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST Ag Cu of SAMPLE Similar to last section except becoming arenaceous 26.5-27.4 15.2 cm by 26.9 m. Similar to last section - bedding @ 5-10° to core 27.4-28.9 15.2 cm axis. Disseminated pyrite up to 2-3%, locally 5 An 5737 27.4-28.9 10 1.3 82 1.5A higher. Back into fine grained argillite. 116 Cm 28.9-30.7 Dark gray to black argillite - weakly to .4 m 5738 5 1.2 86 28.9-30.4 moderately graphitic argillite with disseminated fine grained clots of pyrite. Similar to last section. Pyrite content 3-5% -. 5739 < 5 30.7-31.6 30.4-32 30 cm 1.0 98 Similar to last section. Pyrite occasionally seen 31.6-32.3 30 cm as stringers 70-80° to core axis. 5740 32-33.5 5 1.2 90 32.3-33.5 30 cm Similar to last section. Pyrite locally up to 5% + (clots and few stringers). END OF HOLE

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SNOWFLAKE

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DIP AND AZIMUTH TEST

Corrected

Footage Angle Azimuth

106.6 m. -42°

Claim...

Section...

Bearing 265°

PROPERTY.....

HOLE No. SF-83-7

Total Depth 109.7 m 20.377.86

% Recovery 68% Logged by W. Gruenwald
Elev. Collar Date Begun Oct. 24/83.
Latitude 5 + 28NW Date Finished Oct.29/83.
Departure 5 + 33SW Core Stored At

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu
0-22.5 m.		Casing - overburden					
		Fritten beconeted.		- /- (%-1)			
22.5–22.8	10 cm	Dark gray, very hard argillite (silicified?) with					
	30	fine grained pyrite disseminated throughout.	5741	22.5–24.3	15	1.0	158
		Pyrite content 2-3% Few fine quartz stringers	5745	28.9-30.4.	30	. 48	14 40 mg
2.30		noted - hairline to 2mm. thick.					
22.8–23.4	30 cm	Similar to last section - core very broken.					
23.4–24.3	60.9 cm	Similar to last section - core very broken.					
24.3–25.6	60.9 cm	Similar to last section - core very broken.					
	130	Very fine grained pyrite - well disseminated 2-3%+.	5742	24.3–25.9	30	1.0	160
25.6–26.2	45.7 cm	Similar to last section - core still very broken.		KAPALIONA.	30		1.00
26.2–27.1	60.9 cm	Similar to last section (broken). Arenaceous-	5743	25.9–27.4	10	1.0	114
11-27.7.7	90	(coarser grained) band @ 26.5 @ 35° to core axis.					
DELLE .	LOST	Disseminated pyrite in coarser grained section up	SAMPLE No.	MIDLH			
DÜERTY	DRUME	to 5%. Few quartz stringers 30-45° to core axis.			SHEET	10-5	0, 3
							Kamiodos 8

SNOWFLAKE SHEET No. 2 of 13 SF-83-7 ROPERTY_ HOLE No. CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Au Cu Ag 27.1-27.7 Similar to last section - core very broken, fine 45.7 cm grained pyrite ≥ 3-5% 27.7-28.3 Similar to last section-few pieces recovered show 27.4-28.9 45.7 cm 5744 30 . 7 100 abundant quartz-carb. stringers from hairline to 0.5 cm. wide @ 45° to 70° to core axis and random attitudes. 23 Au 60.9 cm Dark gray, fine grained, very hard argillite. Very 28.3-29.2 1340 few quartz-carb. stringers in this section. Pyrite 7.9 content lower ≥2%. Similar to last section - very broken. 5745 9.2-30.1 60.9 cm 28.9-30.4 30 .8 140 Similar to last section-only fragments of dark grey 30.1-31 76.2 cm argillite recovered. Similar to last section 1-32 76.2 cm 60.9 cm | Similar to last section-locally intense quartz + 2-32.9 carb. veinlets - pyrite 2-3%+. **<** 5 5746 30.4-32 1.0 120 2.9-33.5 Similar to last section-only fragments recovered. 45.7 cm 5747 32-33.5 10 1.0 156 3.5-34.4 30.4 cm Similar to last section-most of section is argillitic mud & sand. 33.5-35 5748 10 1.2 150

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SNOWFLAKE SF-83-7 SHEET No. 3 of 13 PROPERTY_ HOLE No. CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Ag Cu of SAMPLE Dark gray, brittle argillite with fine grained 34.4-34.7 disseminated pyrite 2-3%. Similar to last section, few quartz + carb. stringers 34.7-35.9 15 cm noted @ 10° to 30° to core axis. Small brecciated < 5 5749 35-36.5 1 0 244 veinlet @ 35 m. (1.5 cm. wide). 35.9-37.1 Similar to last section. < 5 30.4 cm 5750 36.5-38.1 . 1.6 197 37.1-37.7 Similar to last section. 15 cm 37.7-38.4 30.4 cm Similar to last section-Core very broken. Showing occasional graphite. 38.4-39 Similar to last section, scattered quartz-carb. 5751 15 30.4 cm 38.1-39.6 1.5 184 stringers, generally 15° to 30° to core axis. Sulphide content < 2%. Core still very broken. 39-39.3 20 cm Dark gray, brittle, broken argillite, minor pyrite and occasional quarts + carb. stringers. 39.3-40.8 45.7 cm Similar to last section, core very broken < 5 39.6-41.1 5752 1.5 165 40.8-42 30.4 cm Similar to last section 41.1-42.6 < 5 5753 147

Suit 8 - 310 1 la Kamwys, B

HOLE No. _____ SF-83-7 SNOWFLAKE SHEET No. 4 of 13 PROPERTY___ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Cu Ag LOST of SAMPLE 42-42.9 30.4 cm_ Dark gray, variably graphitic argillite, locally 90 pyritic. @ 42.3 m bedding noted @ 15-20 to core axis. Abundant small scale "faults" along many of which are small veinlets. Pyrite content locally up to 3-4%. 42.9-44.1 Very broken, variably graphitic argillite. Mud from .43.8 - 44.1 m. 5754 42.6-44.1 30 1.6 142 44.1-46.6 Weakly graphitic argillite fragments & mud. 44.1-47.2 5755 30 1.2 46.6-48.1 Similar to last section. 1.3 m 47.2-48.7 5756 30 1.3 136 1.5 48.1-48.7 30 cm Similar to last section-some moderately pyritic 60 cm fragments. 48.7-49.6 45.7 cm Gray, broken argillite & fine grained light gray 90cm sandstone (?). Bedding attitude very prominant from 49 - 49.6 m. Bedding @ 0° to core axis-therefore at present drilling parallel to bedding plane of 5757 48.7-50.2 30 1.0 69 sediments. 49.3-49.6 m. gray gouge zone with abundant quartz material. Quartz + carb. vein @ 49.3 @ 25° to core axis.

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SNOWFLAKE SF-83-7 SHEET No. 5 of PROPERTY_ HOLE No. CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST Cu Ag of SAMPLE Au Argillite-sandstone (?), core fragments only recovered. 49.6-49.9 15.2 cm 49.9-50.5 30.4 cm Broken argillite-sandstone. Noted definite brecciation of argillite @ 50 m. This is probably brecciation of sediment in early stages of consolidation. 5758 35 .8 68 50.2-51.8 50.5-51.2 30.4 cm Similar to last section-very broken 51.2-52.1 60.9 cm Light gray, coarser sediments. Little or no argillite Core very broken, few quartz-carb. stringers noted. 52.1-52.7 30.4 cm Similar to last section. 5759 51.8-53.3 25 4.7 178 Similar to last section-some small scale faulting 52.7-53.6 60.9 cm noted of sedimentary laminae @ 52.8 m. 53.6-54.2 15.2 cm Pale gray green, fine grained siltstone→ sandstone(?) 5760 20 .8 38 53.3-54.8 with locally abundant quartz stringers often < 30° to core axis. 54.2-55.4 Similar to last section. Fine grained, disseminated 76.2 cm pyrite locally up to 3-4% (at 55.3 m). Fragmental sedimentary texture noted in places where fragments 60 1.1 62 5761 54.8-56.3 of dark gray argillite stand out in pale green matrix

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SNOWFLAKE SF-83-7 SHEET No. 6 of 13 PROPERTY_ HOLE No. CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST Au Ag Cu of SAMPLE Similar to last section-core still very broken. 55.4-56 30 cm 56-56.3 15 cm Similar to last section. 56.3-56.6 7.6 cm Similar to last section, Low sulphide content < 5 5762 1.1 77 56.3-57.9 56.6-56.9 17 cm Similar to last section. Sulphides (pyrite) locally up to 3-5%. 56.9-57.9 76.2 cm Dark gray to black weakly graphitic argillite with quartz. 57.9-58.8 76.2 cm Similar to last section. 58.8-59.4 45.7 cm Pale green, gray, fine grained andesitic tuff with 1-2% fine-grained disseminated pyrite. 5763 57.9-60.9 88 1.0 59.4-60.3 76.2 cm Similar to last section-only pebbles recovered 60.3-60.9 Similar to last section-can see distinct sedimentary 53 cm bedding in several pieces. May be dealing with intercalated sediments & andesitic tuffs.

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HOLE No. ___ SF-83-7 SHEET No. 7 of 13 SNOWFLAKE PROPERTY_ CORE DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Au 60.9-61.8 Similar to last section-only pebbles recovered 5764 1.0 56 60.9 cm 60.9-62.4 61.8-62.4 60.9 cm Similar to last section-only pebbles recovered 62.4-62.7 Similar to last section- only pebbles recoverd 5765 62.4-64 .9 102 Sedimentary (?) bedding @ 15° to core axis. 62.7-63 15.2 cm Similar to last section. Darker gray color, more argillitic. 63-64 60.9 cm Gray weakly graphitic argillite. Bedding @ 10-15° to core axis. 64-64.9 Similar to last section. Weakly bedded. 45.7 cm 5766 64-65.5 1.3 130 64.9-65.8 76.2 cm Similar to last section. Weakly bedded. 65.8-67.6 Pale green, medium grained andesite tuff with 5767 65.5-67 .8 31 1.80 variable amounts of quartz-carb. veining. Last is "gouge zone". Some signs of local brecciation.

SNOWFLAKE SF-83-7 SHEET No. 8 of 13 PROPERTY_ HOLE No. ___ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST Cu Au Ag of SAMPLE Similar to last section-only pebbles recovered 67.6-68.2 45.7 cm 5768 43 67-68.5 Similar to last section. 68.2-68.8 45.7 cm 5 5769 .9 55 68.5-70 68.8-69.7 60.9 cm Similar to last section. 69.7-71 Similar to last section except locally abundant 76.2 cm 40 2.1 55 5770 70-71.6 quartz-carb veins & stringers between 69.9 and 70 m. This area also shows brecciation involving the andesitic tuff (?) and pieces of argillite all of which are well veined. 71-71.9 30.4 cm Mixed andesite tuff & argillitic sediments. 71.9-73.4 30.4 cm Pale gray, weakly graphitic argillitic sediments 5771 30 1.5 78 71.6-73.1 Contains finely disseminated pyrite 2-3%. Abundant signs of slickensides, often graphitic. 73:4-73.7 15.2 cm Pale gray-green breccia zone. Fragments of fine grained pale green-gray volcanic (?) in a matrix of dark gray material. Fine grained pyrite in both. 1.5 5772 35 109 73.1-74.6 fragments & matrix.

Phone 374-054

13 SF-83-7 SNOWFLAKE PROPERTY___ HOLE No. __ SHEET No._

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
73.7–74.3	15.2 cm	Similar to last section.		0010-0013		-		-
4.3–75.5	30.4 cm	Similar to last section except breccia texture not						
		as well defined.	5773	74.6–76.2	35	1.1	110	
i interneti	os là il our	Complete to the Party on the Hall of the said of the land	in the state		4.5		y y	
75.5–76.5	15.2 cm	Similar to last section.						
6.5–77.1	15 ст	Pale green, weakly bleached andesitic (?) volcanic.	5774	76.2-77.7	60	1.1	57	36 A
		Quartz carb. veinlets relatively common. Rock						1.3
		appears quite coarse grained (brecciated ?).						10:
77.1–78	0	Pale green-gray, fine grained relatively unaltered						
		andesite tuff (flow ??).						
78-79.5	15.2 cm	Similar to last section. Sulphides generally < 2%.	5775	77.7–79.2	20	1.0	107	(9)
		Core quite broken. Quartz - gypsum + carb. veinlets						
		locally quite common.	2240	103-0-93-3				
79.5–80.1	30.4 cm	Pale gray, medium grained feldspar rich "dyke" or	33-19	lor samos	79			
		possibly another localized breccia zone. Feldspar	5776	79.2–80.7	35	.8	45	
		fragments up to 2-3mm.	6432					
80.1–80.7	15.2 cm	Pale green-gray, medium grained, weakly bleached (?)		ei bww.re	Luc	4.8		
UARLA L	COME	andesitic tuff.	SAMPLE No.	MIDTH				
SROPENTY.		SNOWPLAKE HOLE No.	88-83-7		SHEET	ho. 10		
	tirtr						-	

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PROPERTY-		SNOWFLAKE HOLE No.	SF-83-7		SHEET I	No. 10	of _13	
DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
80.7–82.6	30.4 cm	Pale green-gray fine grained andesitic tuff. Quartz-						
		carb stringers scattered throughout @ random orient-						
		ation. Sulphides (pyrite) generally < 2%.	5777	80.7–82.2	-5	.6	29	
	onse cu	Ale gray, medius grained feigspar tich ware ut						Telephone (
82.6-84.4	0'	Pale green-gray, fine grained andesite tuff	5778	82.2-83.8	10	.9	45	0.56
80.7–82.6 30 82.6–84.4 0' 84.4–84.7 84.7–86.2 15		intercalated with finely laminated dark gray cherty	5779	83.8-85.3	4 5	.7	38	
		siltstone beds. Appear to be drilling along the						
		bedding plane. From 82.9 to 84.4 m. random quartz-carb.						
		stringers up to 2-3mm. found throughout. Pyrite,					1484	The second
		disseminated 1-3%. Small displacement faults seem						
		to offset darker alminae in numerous places.					100000000000000000000000000000000000000	
84.4-84.7		Similar to last section except only pebbles recovered	•					
84.7–86.2	15.2 cm	Similar to last section-better recovery. Fine		1052-1151				
•		grained pyrite-disseminated 1-2%.	5780	85.3–86.8	5	.7	42	1 2 St Wa
86.2–87.1	15.2 cm	Similar to last section. Still noting prominant						
		dark gray laminae. These darker laminae are often		Tara-ara		1		
		the more pyritic units.						
87.1–89.6	30.4 cm	Similar to last section except bleached and weakly	5781	86.8–88.3	5	.6	43	
	FOR	siliceous from 87.7 to 88 m. Randomly oriented	5782	88.3-89.9	5	.8	32	
Dabin	CORE	quartz-carb. stringers found throughout-locally	SAMPLE No.	MIDIM				1
		abundant.	81-03-1		SHEET N	0 0	01	
6	THE LANGE WATER	DMH DOH GWY DOG CHAND MAN THE NEWHO		rreser			1202	<u> </u>

1 Phone 374-05 SNOWFLAKE SF-83-7 SHEET No. 11 of 13 PROPERTY_ HOLE No. ___ WIDTH of SAMPLE CORE SAMPLE No. DEPTH DESCRIPTION Cu Au Ag Similar to last section. Core quite broken. 89.6-90.2 30.4 cm 90.2-91.7 30.4 cm Admixture of pale green-gray fine grained andesitic 5783 89.9-91.4 30 .8 36 85,58 81.92 tuffs and darker gray sediments or volcaniclastics.

		Evidence of locally intense faulting and shearing.	4	Total Control		1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		2. 17
		Shear/quartz-carb. vein zone @ 91.5 m. @ 20° to c.a.		1				
91.7–93.2	30.4 cm	Pale green fine grained andesitic tuff. Crumbly						
71.7-73.2	30.4 CII			-			1	
		(sheared) bleached & veined from 92.3-92.6m. Sulphide						
		content generally ≤1-2%.	5784	91.4-92.9	5	.8	27	
		vern begg is agony and approx. 2 cm; wide. Pyrite			1			
93.26 - 84.6	15.2 cm	Admixture of pale green, fine grained andesitic tuffs	5785	92.9–94.4	5	.7	35	
35.26 - 87.0		and darker gray fine grained volcaniclastics.						
		Bedding or laminae appears @ near 0° to core axis.			-			
		Intense quartz-carb veining (brecciation) @ 94.6	2340	100.5-102	1.00	111	T VR	
		to 94.7 m.						
		Leurona, rusca@unant Enugrant.						
94.7–96.9	15.2 cm	Similar to last section. Intense quartz-carb veining	2194	aa-10012	563	10	100	
		from 94.9 to 95.5 m. In same section can see						
	100000000000000000000000000000000000000	distinct microfault offsets of darker laminae. Some	5786	94.4–96	20	1.0	45	
		of veining is contemporaneous with late stage .	5787	96–97.5	< 5	. 9	40	
an a-arr	1015 66	faulting. Veinlets (qtz-carb) often @ 45-60° to						
	5091	core axis, although randomly oriented veinlets are	80400 FS 14	- of SAMPL	VIII.	AB	l en	
DEBAM	CORR	also common.		militari				
PROPERTY		SHOWELAKE HOLE No. SP-	33-7		CHELL		15	13
								hone 374
	Lini	A-BANDON & ADDUCTABLE SID DIAN		UIT HA	CHAR		2018 500	- 9 I ft mex

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HOLE No. SF-83-7 SHEET No. 12 of SNOWFLAKE PROPERTY_ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Ag Cu LOST of SAMPLE A11 Similar to last section 96.9-97.5 15.2 cm 97.5-100 15.2 cm Similar to last section. Still appear to be drilling 5788 20 . 8 52 97.5-99 along bedding planes. Quartz-carb veining locally intense @ 97.9 m; 99.6 m. fine grained pyrite dissem-5789 99-100.5 265 . 8 55 inated throughout, generally 1%. 100-101.8 Similar to last section. Fairly intense quartz-carb 1.1 48 5790 60 100.5-102 veining and locally brecciated from 100 to 101 m.

Microfault offsets of darker laminae noted. Drusy quartz @ 100.8-101.4 m. along with pale pink alunite(? Vein here is drusy and approx. 2 cm. wide. Pyrite content increasing to 2-3%. Up to 5% from 101.4 to 101.8 m. Admixture of pale green-gray fine grained andesitic 101.8-104.2 0 tuff, darker gray sediments (cherty) & light browngray bleached tuffs. Ordinary green-gray tuffs 1.0 96 predominate. Quartz-carb. veinlets not intense but 5791 110 102-103.6 scattered throughout @ 30-650 to core axis. Small 1.0 20 5792 30 103.6-105 pyritic gouge zone @ 103.6 m @ 40° to core axis. 104.2 m. slickensides noted @ 30° to core axis

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SHEET No. 13 St 13 HOLE No. SF-83-7 SNOWFLAKE PROPERTY___

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
104.2-106.6	15.2 cm	Pale green-gray, fine grained andesitic tuffs with						
		minor darker gray cherty bands: 104.2-104.8 pale	5793	105–106.6	20	1.0	72	ļ.,.
		brown-gray almost silicified zone. 104.8-105.7 regular		1.6"				
		andesite tuff. 347-349.5'-pale gray medium-coarse			new military and control			
		ground tuff(?) bounded by fault gouge @ 106.5 m @						
		45° to core axis.						
	E.ST. art							
106.6–107.2	30.4 cm	Light green, very fine grained intercalated cherty	5794		220	1.0	55	
		andesite tuff and dark gray cherty bands. Laminae		1,60				
	LOST -106.6 15.2 cm 1	5-10° to core axis. Pyrite 4%						
07.2-108.5	15.2 cm	Similar to last section except 107.7 - 108.5 m. is	SAMPLE AU Ag Cu th 5793 105-106.6 20 1.0 72 ular see 106.6-108.2 220 1.0 55 ae 107.6-108.2 220 1.0 55 ae 108.2-109.7 180 1.6 52 ag)					
		quite pyritic. Massive pyritic quartz-carb veins @						
		107.7 - 108 m. Both fine & coarse veinlets and						1
		veins are pyritic. 108-108.5 disseminated pyrite						
	4	in andesitic tuff (5-6%).						
08.5-109.7	15 cm	Pale green-gray, fine grained andesitic tuffs with all of sample Au Ag Cu control darker gray cherty bands. 104.2-104.8 pale 5793 105-106.6 20 1.0 72 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0						
		andesitic tuff and darker gray seds.(?). Pyrite	5795	108.2–109.7	180	1.6	52	
		content highly variable. Darker laminae (bedding)		1.5				
		at 109.5 m. @ 5° to core axis. Small patch of semi-	-					
		massive, granular pyrite in last 15.2 cm.			2-109.7 180 1.6 52			
		END OF HOLE		-				-
								-
						-		-

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PROPERTY SNOWFLAKE

HOLE No. SF-83-8

Angle	Azimuth
-86 ^p	ETTOT LO
154	W JEW PR

(Core SizeNQ
	Angle of Hole90°
(Claim
5	Section
1	Bearing

Total Depth 91.44 m	Sheet No1 of 10
% Recovery91%	Logged by WGruenwald
Elev. Collar	Date Begun Oct. 30/83
Latitude 5 + 28NW	Date Finished Nov. 2/83
Departure 5 + 33SW	Core Stored At

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm
0-10.6 m.		Casing	2				
10.6-11.8	15.2 cm	Weakly limonitic, dark gray andesitic tuff and /or	5802	19.8-21.	1 < 1	1.0	1 83
1011-151-16	0	gray wacke. Quartz-carb. veinlets from 11.7 to	5796	10.6-12.1	< 5	1.1	94
	-	11.8 m. Rusty fractures common.					6
11.8,-12.4	45.7 cm	Pebbles of dark gray argillite and possible gray wacke. Disseminated pyrite up to 2-3%.	2801	18.2-19.	< 3	110	92
12.4-13.4	15.2 cm	Dark gray argillite 41-43'; Quartz veinlets 5-15°					
		to core axis. Fine grained wacke (?) 13.1-13.4 m.	5797·	12.1–13.7	< 5	2.2	82
13.4-14	30.4 cm	Dark gray vol./sed. wacke with disseminated pyrite		1011-101			
2 42	0	2-3% +.					
14-14.6	50 cm	Few pebbles similar to last section recovered.	2300	18378	- 10		
14.6–15.2	49 cm	Similar to last section.	5798	13.7–15.2	4 5	1.0	85
RACING B.T.		SNOWELAKE NO			8335	T NoE	4.0

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SHEET No. 2 SF-83-8 SNOWFLAKE HOLE No .-PROPERTY_

WIDTH CORE SAMPLE No. DESCRIPTION DEPTH Cu Au Ag of SAMPLE LOST Similar to last section, becoming more coarsely 15.2-16.4 45.7 cm < 5 1.2 116 5799 15.2-16.7 fragmental. Sedimentary & volcanic fragments up to 3 cm. across. Intercalated pyritic argillite @ 15.3-15.4 m. @ 60° < 5 1.1 118 5800 16.7-18.2 16.4-18.5 to core axis. Another argillite bed @ 15.8 m.@ 30° to core axis. Pyrite disseminated throughout from 2-3%. Few quartz-carb, stringers @ 30-45° to core axis.. < 5 1.0 92 18.5-20.1 Similar to last section. Coarse gray wacke to 18.7 m. 5801 18.2-19.8 Moderately quartz-carb. veined argillite and arenaceous sediments from 18.7-20.1 m. < 5 Dark gray, massive, hard weakly pyritic argillite 1.0 82 20.1-21.6 19.8-21.3 5802 & minor fine grained wacke. Disseminated pyrite 2-3% -. Crumbled zone @ 21.4-21.6 m. (possible fault?) Bedding planes @ 30-40° to core axis. Some pyritic argillite noted @ 21.3 m. Similar to last section. Distinct bedding @ 35° to 21.6-23.4 5803 21.3-22.8 < 5 1.0 107 core axis. 21.6-22.2 m.some pyrite is bedding controlled 22.8-24.3 15 5804 . 6 70 21.6-21.8 crumbled zone with abundant quartz veining & 4-6% + pyrite.

EXEM-ENSON SASSICIATIS ED. DIMIONS DALL MECOND EL Suite

Suite 310 Kamicops, I

SF-83-8 SNOWFLAKE SHEET No. ____3 of ___ PROPERTY_ HOLE No. CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Ag Cu 23.4-26.2 Similar to last section - predominantly argillite, 123 30 . 8 Pyrite pervasive, however quite noticable @ 24.6-25 m. 5805 24.3-25.9 (3-5%). Found disseminated and as stringers. 25-26 m. rock is more fine grained arenaceous rock and fine grained gray wacke. Quartz-carb. veinlets not very common. 26.2-29.2 Medium gray, fine grained massive argillaceous arenite. **7** 5 .9 Weakly bedded except @ 28-28.6 where bedding is @ 45-5806 25.9-27.4 56 50° to core axis. Pyrite found disseminated < 5 27.4-28.9 . 7 59 5807 throughout however it is most common from 28 - 28.6 m. (3-5%). Of the V so to beddy 25° to core 15.2 cm Dark gray argillite & graphitic argillite. Quite 29.2-30.4 pyritic (coarse grains) from 29 -29.7 m. (4-5%). 29.7 5808 103 28.9-30 10 1.0 30 m. very crumbly broken graphitic argillite, also quite pyritic. Q-Cde veinlets 3-4/4+ @25° aA galso 11 C.A also variablely follow front c sarling angles -Crumbly, broken argillite, weakly graphitic argillite 5809 30 - 321.0 122 30.4-31.3 10 15.2 cm and minor arenaceous rock. Disseminated pyrite 3-4%-Similar to last section. Few quartz-carb. stringers 31.3-32.6 15.2 cm 32 - 33.5< 5 1.1 5810 75 and blebs present.

ALMA DAWSON & ASSOCIATES TED. - DIAMOND DAILL RECORD

Suit - 310 la St Kamloops, B.C Phone 374-054

PROPERTY_____SNOWFLAKE 342 36

HOLF No. ____ SF-83-8

SHEET No. 4 81 10 .

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
32.6-33.5	15.2 cm	Similar to last section - core quite broken. Bedding						
31,5-32,6	90	at 45° to core axis.					-	
3.5–34.7	15.2 cm	Mixed dark gray variably hedded argillite and minor	5811	22.5.25	20	1.2	92	700-1940-
1041	120		3011	33.3-33	20	1.2	72	(1)
774.51			alter of	Carl portion				and significant
		and disseminated pyrite (4-5%) Bedding 35°, Q-C v 45° Shar					450	
		480 C.A.	5808	38, 9, 30	10	1 0	1.149	
34.7–35.3		Dark argillite pebbles recovered.						
30 3 30 7	-60				74			
35.3–37.1	76.2 cm	Dark gray, soft, quartz + carb. rich graphitic	5812	35–36.5	55	1.5	178	
	180	argillite-shear zone. Core is quite soft and	5813	36.5–38.1	50	1.2	85	
		crumbly. Abundant evidence of slickensides and	5807	53-4-60-0	1 43	1 7	59	
		brecciation. Qtz-carb. veining is weak. Pyrite~2-3%	5806	25,9-27.4	43	1 0	34	
		The rate grant, rine grained massive argiliaceous areni						
37.1-38.1	45.7 cm	milar to last section - core quite broken. Bedding 43° to core axis.						
1	100	argillite.						
1		Anna Missinso Risy Cacke, "Chartz-carb, weinlets not		NA ELECTRICAL			Albert Silver	
88.1–38.4	15.2 cm	Harder bedded argillite fragments-appear to be out						
	30	of fault/shear zone.						
		Mark Barran 1981 Mowever quite not feable @ 26.6.25	5805	24.3-25.6	134	19.	197	
38.4–39.3	15.2 cm	Dark gray, more massive, brittle argillite. Pyrite	5814	38.1-39.6	50	1.6	154	
11 03 7.06		disseminated and in quartz-carb. veinlets. Pyrite	SAMPLE N	07.5	E VI	7.0		
[] forsu-	COUE	from 2-5%. Bedding @ 30° to core axis. Qtz veining			ànds	T No.	- ot -	10
KNOLEH	UX TOTAL	weak 60° to heading & 15 0 4 " Numerous front filled bty- Cart &	84-54					200000
	*	Vosion angles, After cornel						Kamis
	married F St.				L. Ville			

KERM-DAWSON & ASSOCIATES ETD. - DIAMOND DRILL RECORD

Suite 200 - 310 Nicola St Kamboops, B.C Phone 374-0544

SNOWFLAKE SF-83-8 HOLE No. PROPERTY. SHEET No.____ CORE WIDTH DEPTH SAMPLE No. DESCRIPTION Cu LOST of SAMPLE Similar to last section-hard brittle, semi siliceous 39.3-40.8 argillite. Abundant pyrite from 40 - 40.8 m (5-6%) 5815 39.6-41 100 1.6 249 40.6 m. Quartz-carbonate breccia zone. 41-42 ? 40.8-42 15.2 cm Dark gray variably graphitic and broken argillite (oz/ton) 1.13 .066 fire assay 40.8 - 41.1 m. abundant quartz-pyrite veins and breccia 5816 42-42.6 2040 > 20.0 300 0,7540 infillings. Small shear zone @ 41.4 . Carb content low 42-43.8 Dark gray, well bedded variably pyritic argillite. Few quartz-carb. veinlets noted-generally 45° to core axis. Bedding laminae @ 30-35° to core axis. 1.05 12.0 fire assay (oz/ton) 41.6 m. -chalcopyrite noted in ½ cm. wide quartz-carb. >1000d > 20.0 42.6-44 5817 2900 139.73 - 144.32 veinlet. Pyrite content generally ≥3%, local semi massive patches of pyrite up to 1 cm. across. Note 0.4 pand of Dis py follow bedding & is drag follow le 144'. 44-45.7 15.2 cm Medium to light gray bleached & weakly silicified 6.6 43.8-46 5818 380 380 volc./sed. fragmental. 43.8 - 44.1 bedded, pyritic dark gray argillite as in last section. Contact with bleached unit below is irregular and at approx. 40-45° to core axis. 44.3 - 44.6 m. darker green-gray 10/47-148 volcanic fragmental with argillitic fragments. 446.5-46 m. pale gray bleached unit. Pyrite is disseminated and in quartz-carb. veinlets. Veins from 20-45° to core axis and vary in thickness from 1 mm. to 1 cm. 44.8 - 45 Quartz vein(s) with pyrite and chalcopyrite vein(s) nearly parallel to core axis. Carbonate content for section is low.

MENN DAWSON & ASSOCIATES TTD. - DIAMOND DIGILL RECOR

Suite 200 - 310 Nicola S Kamloups, B.C Phone 374-054

PROPERTY____

SNOWFLAKE

HOLE No. ___

SF-83-8

SHEET No. 6 of 10

DEPTH	CORE LOST	TERMINATED AND THE DESCRIPTION OF THE PARTY AND THE	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu
46-49	0	Similar to last section except becoming a definite					
1		green agglomerate at 48 m. contact with pale unit	E Mary Mary	- 1.5			
		~30-45° to core axis. (irregular contact).	5819	45.7–47.2	55	1.7	195
		Agglomerate rock fragments appear to be fine grained	5820	47.2–48.7	25	1.4	129
-19	1.	intermediate volcanics some of which show porphyritic	N 3181	46			
		texture. Quartz-carb. veinlets common between odd	parrend solph,	75 E24 E			
Pels I	E13-2 cm	46 - 46.6; @ 20-30° to core axis.Pyrite content~2-3% ma	X. Trock - odd	spot .	300		
		138 0/50 @ 60°			774		
49 - 52	0	Medium green-gray polymictic agglomerate. Volcanic					
501 65.		fragments often show rounded edges and vary from	5821	48.7–50	240	5.5	129
		0.5 cm. to 3 cm. across. Pyrite found as	5822	50-51.8	1000	18.9	443
		disseminations, clots & in quartz veinlets. Pyrite					
		content highly variable 2-5%. 51 - 51.8 m Chalcopyrite/					
See 250		pyrite noted. 49.9 - 51.2 several long quartz/pyrite/cal-					
		veins at or nearly parallel to core axis. Veining					
		not intense ≤ 5% of rock. 51.8 - 52 m-massive darker					300
		green volcanic material, Overall carb, content is low.	5816	17 17 AVE.			
118-45		V Otz-Calendeins 0.7 cm, 0.2 cm Co 50 x 15° CA, also 6.40 250A, pyritic V. cut bar	ven Vein @ 30°				4
52–55	0	Medium to dark green andesitic (?) agglomerate with	5823	51.8 - 53.3	70	1.7	171
32-33		intercalated fine grained tuffs & flows. Pyrite					500
		content variable-from 2-5%. 52.5 - 53.3 darker green	5824	53.3-54.8	195	4.1	104
613HG-8	0	fine grained bedded tuff (?) with bedding @ 45-50°		1599			
DELLE	LOE1	to core axis. 54.2 - 55 pale green, fine grained,	SANGLE NO.	15.89			
		weakly bleached agglomerate. Pyrite content generally			SHEET A	4	
and the second		low except in the dark green f. grained sections.					6-96003
		Few quartz-carb veinlets observed.		FF HEF	Wh.		and see a line to

KERN-DAYSON & ASSOCIATES ETD. DIAMOND DAIL RECORD

Suite 310 Kamloops, B C

SNOWFLAKE HOLE No. SF-83-8 SHEET No. 7 of 10 PROPERTY. CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Cu Au Ag Pale green gray, fine grained agglomerate & tuff. 55-58.2 5825 90 1.3 66 54.8-56.3 Pyrite disseminated-generally < 2-3%. Quartz vein 5826 56.3-57.9 190 2.5 151 from 0-45° to core axis. 56.3 m-chalcopyrite.

6 vein out 45° vein @ 45° 5 @ 207' 57.3" 34 & Creins fry @ 20 CA 58.2-61.5 Pale green-gray, weakly bleached andesitic agglomerate and tuff. Vague fragmental texture 5827 seen in a few places. Quartz veining not common. 57.9-59.4 30 1.0 75 Pyrite content decreasing-generally < 2%. Noted minor 5828 59.4-60.9 30 75 1.1 scattered grains of molybdenite @ 59 - 60.3 m. (found in quartz-pyrite veinlets). 5°CA , the veinly 1/ th @ 35/050°CA 61.5-64.6 Similar to last section up to 63 m. Few quartz + 15.2 cm 1938 pyrite veins from 62 - 63 m. often at low angles to 5829 60.9-62.4 94 105 1.4 213.18 core axis ($\langle 30^{\circ} \rangle$). 63.3-64 m. intense quartz-carb. veining. Pyrite content low. 62.4 m.chalcopyrite 62.4-64 2.1 5830 330 217 and minor molybdenite in low angle quartz-pyrite vein. 64.6-67 64-65.5 91 Medium green, massive unaltered to weakly altered 5831 35 . 8 65.5-67 .9 30 132 fine to coarse andesitic agglomerate. Quartz 5832 veinlets not common. ($\langle 5\% \rangle$). Pyrite content low $\langle 2\% \rangle$

310 St Kamloops, 8.C Phone 374-054

SNOWFLAKE PROPERTY_

HOLE No. _____ SF-83-8

SHEET No. 8 of 10

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
67–70	0	Similar to last section. 69.6 m. brecciated quartz-						
							J Z Ye	
3		straw colored sphalerite.	5833	67–68.5	60	1.0	60	
		amusum green, massive unaltered to weally altered	5834	68.5–70	20	1.3	58	
70-73.1	0	Pale gray to pale green, medium to very coarse						HIN
	(*)	agglomerate. Fragments to 5 cm. across. Quartz	5835	70-71.6	55	1.6	63	
	186 (T	veinlets generally at low angles to core axis.	5836	71.6–73.1	40	1.3	170	, i
7-70		Pyrite content low - generally < 2%.	2830	1515-04	330	2.1	814	
		core wars (5.30), on you me. Intense quarts-carb.						
73.1–76.2	15.2 cm	Similar to last section except becoming pale	5829	60,9-62.4	103	1.4	80	
V1 93 V19323		brown-gray. Weakly bleached, volcaniclastic tuff		. A.T				
241.		at 74.9 m. Pyrite content at least 2-3%.	5837	73.1–74.6	295	2.4	343	
		Quartz content increasing. Veins generally $<45^{\circ}$	5838	74.6-76.2	400	7.8	667	
		Similar to last section. 69.6 m. brecciated quar carb. vein @ 30° to core axis, contains galena and straw colored sphalerite. Pale gray to pale green, medium to very coarse agglomerate. Fragments to 5 cm. across. Quartz veinlets generally at low angles to core axis. Pyrite content low - generally < 2%. Similar to last section except becoming pale brown-gray. Weakly bleached, volcaniclastic tuff at 74.9 m. Pyrite content at least 2-3%. Quartz content increasing. Veins generally < 45 to core axis. 73.7 m. Quartz + carb. vein (1 cm. wi containing semi-massive pyrite and minor chalcopy 5.2 cm Similar to latter portion of last section - green mafic clots set in a fine grained pale green-brow matrix - probably an altered andesitic tuff. Pyrite content 2-3% Noting presence of hematite on fractures and in quartz + carb. veinlets						
		containing semi-massive pyrite and minor chalcopyrite	- 20°CA.	2a'+-00'a	30	1.1	75	
	•	when in a rew places. Quartz velting het commen.	5827	57,9-59,4	30	1.0	7.5	
76.2–77.4	15.2 cm	Similar to latter portion of last section - green		7-1				
23 lical	10	mafic clots set in a fine grained pale green-brown	5839	76.2-77.7	15	.9	49	
7,63.		matrix - probably an altered andesitic tuff.	## SAMPLE Au Ag					
		Pyrite content 2-3%						
		Noting presence of hematite on fractures and in	5826	2/3-2/13	1.00	518	151	
1-322	0	quartz-carb. veinlets	5825	56.8-16.3	80	113	1100	
			SWAILE 110,	of SAMPLE	Vo	y k	CO	
	CUUS							
ROPERTY			E					
	. 4						P1 8210	
					UED.		310	

KERR-DAWSON & ASSUCIATES LID. DIAMOND BRILL RECORD

Suit -31(Kamkoops,

HOLE No. ____ SF-83-8 SNOWFLAKE SHEET No. 9 of 10 PROPERTY_ CORE DEPTH WIDTH DESCRIPTION SAMPLE No. LOST of SAMPLE 77.4-78.9 15.2 cm Similar to last section -becoming darker green and more firmly quartz and hematite veined at 5840 . 7 77.7-79.2 78.4 to 78.9 m. few QV. 4 78.9-79.8 15.2 cm 5841 Dark green, well fractured hematitic andesite (?) 79.2-80.7 90 . 8 6 tuff. ViFinely quartz veined and fractured. 30-66°CA Pyrite≤2%. 79.8-80.4 15.2 cm Similar to last section - beginning to note epidote in addition to hematite. 80.4-82.2 15.2 cm Similar to last section. 5842 80.7-82.2 . 7 18 82.2-84.4 15.2 cm Similar to last section except going back into 82.2-83.8 pale green-brown, weakly bleached, fractured 5843 45 . 7 30 quartz veined tuff @ 83.5m. (gradational contact). 5844 83.8-85.3 < 5 . 8 37 84.4-85.9 15.2 cm Medium green, fine grained fractured andesitic 85.3-86.8 15 flow or tuff. Finely quartz-hematite veined and 5845 6 . 7 hematite on fractures. Pyrite content < 2%.

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Phone 374-0544

HOLE No. _____SF-83-8 SNOWFLAKE SHEET No. 10 of 10 ROPERTY____ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST Cu Au of SAMPLE Similar to last section. Randomly oriented fine 85.9-87.4 15.2 cm quartz stringers form <5% of the rock. 5846 5 86.8-88.3 . 7 47 7.4-88 15.2 cm | Similar to last section. Variable epidote content. 8 - 89.915.2 cm Similar to last section. Minor epidote. Hematite still present on fractures and in quartz veinlets. < 5 5847 88.3-89.9 . 7 37 Rock still finely fractured. Pyrite content < 2%. 89.9-91.4 30.4 cm | Similar to last section. 5848 410 1.7 19.9-90.5 251 10.5-91.4 91.4 cm. No core because core tube didn't lock. END OF HOLE.

KERR-DAWSUN & ASSOCIATES LTD. - DIAMOND DRILL RECORD

Suite 1 - 219 Victoria St. Kamloops, B.C. Phone 374-0544

	Р	ROPERTY	SNOWFLAKE	HOLE No. SF-83-	9
DIP AND	AZIMUTH T	TEST	Core Size N.Q.	Total Depth72.2 m	Sheet No
Footage	Angle	Azimuth	Angle of Hole90°	% Recovery 74% Elev. Collar 723 ymas of twine	Logged by W. Gruenwald
			SectionBearing	Latitude 5 + 18NW Departure 5 + 13SW	Date Finished Nov 8/83. Core Stored At

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm	
0 - 9.1 m.		Casing (overburden).						
		were spacetist breckistion and limonice alteration.						
9.1–11.2	15.2 cm	Medium to dark green andesitic agglomerate (Nicola).				di ana	No. va.	4-7
1a		Fragments up to 2 cm. across. Pyrite content	5849	9.1–10.6	70	1.1	108]
		1-2% maxlimonite common on fracture faces.	5850	.10.6–12.1	1565	10.6	781]
•]		Quartz-carb. veinlets = 1cmusually @ 45-60° to	7	318 368 318 363				
		Core axis. Core axis. Core in last 1-15 feer e a bando petes in last 1-15 feer e a	here heavy pritice	34.98 3993	1.90	11.9	àI	
			. 585A · ·	16.7-16.2	> 6000	> 20.0	548	
11.2-12.1	30.4 cm	Limonitic, highly weathered & locally pyritic	Tire asser	(62/00)	(.46)	(\$748)		
19		andesitic agglomerate. Last 45.7 m.is highly oxidized						
		and contains pyrite in low angle (30° to core axis)						
		brecciated quartz veins(?). Pyrite content (5-6% +)	3931	11512-16.7	130	51	138	
		ASSESTED OF THE PROPERTY OF TH	2038	13:3-12:3	1 20	11.3	108	
12.1-13.5	15.2 cm	Similar to last section-agglomeritic texture still						
10		evident. Little fresh rock left, Quartz-pyrite-	5851	12.1-13.7	294	2.0	117]
		limonite vein @ 13 m. @ 30-40° to core axis, vein						
7:10.4	15/2 pm	approz. 1 cm. wide and contains semi massive clots			<u> </u>	1 48	CO F	
nci IM	1037	of pyrite. Last 15 also contains semi-massive	SAMELE NO.	TO AND THE				
		pyrite. Mone we have	3-8		SHEEL	No. 12	64	- 11
						-		5,000rd
			STAIN BY	oer ur	COKE			2 - 210

MERK-DAWSON & ASSOCIATES LID. - DIAMOND DRILL RECORD

Cultuzod - 310 Micula S Kamloops, B (Phone 374-054

SNOWFLAKE HOLE No. ____ SF-83-9 PROPERTY_ SHEET No. 2 CORE DEPTH WIDTH DESCRIPTION SAMPLE No. LOST of SAMPLE Au Ag Cu 13.5-16.4 15.2 cm Similar to last section. Few low angle (< 40°) quartz-carb. + pyrite veinlets scattered through section. 13.7-14 m. highly pyritic (~10%) agglomeratepyrite is very fine grained and found generally in 5852 13.7-15.2 20 1.2 108 matrix of rock (between fragments). 15.2-16.7 5853 130 2.1 172 16 m. -1.5cm. highly oxidized pyritic vein (?) $@ 10-15^{\circ}$ to core axis. fire assay (oz/ton) (.46)(2.74)16.4-19.5 15.2 cm | Similar to last section except with increasing > 4000 > 20.0 16.7-18.2 5854 548 10 amount of less limonitic agglomerate. Large 18.2-19.8 5855 190 1.9 91 $\frac{1}{2}$ quartz $\frac{1}{2}$ carb.-pyrite vein at 17.6-17.9m($\frac{1}{2}$). Vein appears to be at approx. 20° to core axis + and contains up to 10-15% pyrite with minor chalcopyrite 55.11 and suspect spalerite-galena. Last 15 cm of vein shows intense brecciation and limonite alteration. Rock becoming less limonitic from 18.5 to 19.5 m. fracture faces are still limonitic however. The last 91 are also becoming more light gray-almost bleached in appearance. 62 75 19.5-21 15.2 cm | Pale gray mixed agglomerate and fine grained brittle 5856 19.8-21.3 tuff or flow (?). Agglomerate from 19.5-20m-moderately quartz veined (5% of rock). 20-21 m. -pale gray. fine grained, bleached (?) tuff-flow. Moderately abundant randomly oriented quartz veinlets. Contact with agglomerate is sharp @ 30°+ to core axis.

KERN-SAWSON GASSOCIATES AD. DAMOND BILL ECOLD

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SF-83-9 SHEET No. 3 of 11 SNOWFLAKE HOLE No. PROPERTY_ WIDTH CORE DESCRIPTION SAMPLE No. DEPTH Cu of SAMPLE Au Ag LOST Pyrite content low 1-2% in both rock types. cont'd 19.5-21 Limonite now only on fracture faces. Last 15 is quite highly veined and crumbly-possible shear zone. 21-22.2 Pale green-gray bleached and silicified agglomerate. 5857 18 1.0 53 30.4 cm 21.3-22.8 12 Core is quite broken and shows abundant quartz veining. Pyrite content generally low < 2%. Possible shear from 21-21.3 m. Limonite no longer seen in any quantity. 22.2-22.8 15.2 cm Similar to last section-locally coarse agglomerate 10 and can see fine mafic (?) porphyritic texture in some of the volcanic fragments. Few low angle (<35°) quartz + carb. veinlets noted. 22.8-24.3 15.2 cm Pale gray-green, weakly bleached and locally 19 brecciated agglomerate. Rock still appears 22.8-24.3 bleached and altered. Many of fragments surrounded 5858 135 2.4 86 by pale pink-brown amorphous material. Quartz + carb. veining erratic; several veins up to >1cm. wide. Most veins \(\frac{1}{30}\) to core axis. Pyrite content low (≤1%) except in vein @ 23.9 to 24.3 m. This vein is associated with crumbly zone (shear) and contains some dark gray fine grained metallic grains (galena?)

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Kamloops, B.C Phone 374-054

SNOWFLAKE SF-83-9 SHEET No. 4 of 11 PROPERTY_ HOLE No. CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE 24.3-25.9 30.4 cm Similar to last section-pale grey-bleached agglomerate 19 with the pale pink-brown matrix infilling noted in 5859 24.3-25.9 100 1.5 52 last section. Greenish agglomerate from 24.3-24.6 m. Quartz veining (randomly oriented) found throughout section. Last 30^{cm} is highly veined, broken and sheared. Pyrite content generally low (<1-2%). 25.9-27.4 Pale gray, very fine grained tuff (?). No evidence 30.4 cm 5860 25.9-27.4 40 2.3 79 10 of agglomeritic texture. Pyrite content low ≤ 1%. Core quite broken and weakly veined. 27.4-28.9 15.2 cm Similar to last section. Core still quite broken. Locally pyritic at 28 m. (3-4% pyrite) 27.4-28.9 5861 20 1.6 55 28.9-30.7 Similar to last section up to 30 m. 30 - 30.7 m. is medium green-gray, fine grained 28.9-30.4 finely laminated cherty tuff. Quartz veining 5862 40 110 1.3 variable however, most abundant from 30.3 - 30.7 m. veins @ 45-60° to core axis. Bedding laminae at 30° to core axis.

KERR-DAWSUN & ASSUCIATES E.D. DIAMOND DEL CO DE LA SUITE 310

Suite 5310 de 19

SF-83-9 SHEET No. 5 of _____ 11 SNOWFLAKE HOLE No. PROPERTY___ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH Cu LOST of SAMPLE Ag Gray, fine grained, weakly brecciated and variably 30.7-31.3 60.9 cm 30.4-32 1.9 197 80 quartz veined finely laminated cherty tuff (?). 5863 Pyrite content 2-3%; locally greater. Similar to last section. Bedding laminae @ 10° to 31.3-32 core axis. Pyrite 1-2%-locally greater. 81 Am 32-32.3 15.2 cm 50 1.2 72 Similar to last section-only pebbles recovered. 5864 32-33.5 180/ Pale gray, broken, weakly bleached and agglomerate. 32.3-33.2 60.9 cm Few quartz + carb. veins, Pyrite ≤ 1%. 33.2-33.8 45.7 cm Similar to last section. Pebbles recovered. 33.8-34.1 15.2 cm Similar to last section. Some quartz + carb. 2.6 5865 110 226 veining noted in pebbles. 33.5-35 34.1-35.9 Mixed dark gray quartz veined, fine grained cherty argillite (?) from 34.1-35. Pyrite 1-3%. Possible 29 35-36.5 2.5 65 fault zone @35 m. -low angle to core axis. All of 5866 above section shows brecciation and microfaulting. 35-35.9 m.-Pale green-gray, weakly bleached and pyritic agglomerate. Pyrite 2-3%, Locally 5%. Possible MoS. @ 35.3-35.6 m. Core very broken

PROPERTY SNOWFLAKE

HOLE No. SF-83-9

SHEET No.___

6 of 11

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu		
35.9–36.8	30.4 cm	Gray-green, very broken possibly sheared altered							
10		agglomerate. Disseminated pyrite 2-3%. Locally							i a
		abundant fine quartz veinlets and veins especially	- Line					1	
		in last 30 cm.	F 95 5	08.36.3		2,3	102	H	w.va.Wada
76,1-35,9	4-66.9 6.4	AND AND SELECT SERVICE AND THE GENERAL SERVICE OF THE SERVICE SERVICES.	AM AW	Hinde	Hari	grilder	and laborated by	i i	and the latest
36.8–38.7	45.7 cm	Green weakly altered agglomerate. Several large	69.4	1.50		the kall			n de
		quartz-pyrite veins between 37.7-38.7 m. with	3903						
33.8-34.1	15.2 cm	pyrite locally to 10%. Possible galena in these				3.6	1995		
		veins along with minor chalcopyrite. Veins though	5867	36.5–38	105	5.5	210_		
33.2-33.8	45.7 cm	irregular appear to be at $\sim 35^{\circ}$ to core axis.	5868	38–39.6	285	11.9	41		
		Evidence of shearing over last 45.7 cm of section.							
		Yew Quartz - carb. yelns, Pyrite 5 1%.							
38.7–39.6	30.4	Pale gray-green broken weakly bleached agglomerate.							292 Au 4.8A9
		Pyrite content ≤ 2%. Quartz veining not intense							43 Cm
12-32-3	15.2 cm	39.4 to 39.6 m pale gray gouge zone.	390d	35-33*3				4	4.6
						3 3			
39.6–41.7	15.2 cm	Pale gray-green weakly bleached agglomerate and							
3-35-7	45.7 ch	locally veined green coarse agglomerate. Quartz +	5869	39.6–41	215	1.3	57		
		carb. veins generally at low anglesto core axis.	5870	41-42.6	375	1.1	30		
		Pyrite content generally low (1-2%).							
		quartz veined finely laminated cherry tuit (17).	2002						
0.7-31.3	£0.9 da	Sray, fine grained, weskly brecelated and variably			80				
DEELH	1081	DESCHARACIÓ							
MURLI IN			SAMPLE NO.	MIOTH					
*		CHORES END . HOSE SERVICES	81-81-8		OHĒBE D	9 5 3 9			
				T silend	Select a			EP-C	

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Sui - 310 a St. Kamloops, B.C. Phone 374-0544

HOLE No. ____SF_83-9 SNOWFLAKE PROPERTY_ SHEET No. CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Cu 41.7-42.6 15.2 cm Medium green, mottled, weakly altered and broken andesitic agglomerate. Pyrite < 1-2%. Minor quartz veining. 42.6-43.8 30.4 cm Similar to last section plus some pale gray green fine grained bleached looking tuff. Core very 42.6-44 5871 broken. 100 1.0 53 43.8-44.8 30.4 cm Similar to last section. Bleached, veined tuff from 44-45.7 43.8 to 44 m. Noting minor hematite on fracture faces 5872 55 1.5 49 44.8-45.7 76.2 cm. Dark gray, highly fractured chert or cherty tuff. Finely and randomly quartz-carb. veined. Pyrite content low ≤1%. 45.7-46.9 Green to pale green-gray fine grained, weakly fire assay (oz/ton) (.072)(.52)altered tuffs & agglomerate. Last 30 cm is pale gray-5873 45.7-47.2 2050 17.0 490 green tuff-fragments 1mm. across. Low pyrite content < 1-2%. Pale gray, weakly-moderately altered tuff. Gouge zone: veining from 46.9 - 47.8 m. Fragments in gouge zone show brecciation & intense veining some of which contains pyrite, chalcopyrite and galena. Veining often appears parallel to core axis. 5874 1.7 181 135 47.2-48.7 however randomly oriented veinlets are also common.

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SF-83-9 SNOWFLAKE SHEET No. 8 PROPERTY_ HOLE No. __ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Cu Au Ag Last 30^{cm} is the pale gray highly fractured tuff. 46.9-48 cont'd Medium gray, fine grained highly broken tuff. 48-49 · 76.2 cm 5875 30: 1:2-1. 122 48.7-50 49-50.5 45.7 cm Gouge zone in both light gray & dark gray tuffs. Approx. first 60^{cm^+} is the gray, brittle tuff and rest of section is dark gray variety (possibly graphitic). Entire section is very broken. 50.5-51.2 45.7 cm Similar to dark gray unit in above section. Only 50-51.8 pebbles recovered. Pyrite has not been common for at 5876 1.1 60 138 least last 6 m. 51.2-52.7 1 m. Light gray-green, brittle fine grained tuff & Gouge zone. Gouge material from approx. 51.5-52.7 m. 5877 142 51.8-53.3 60 1.4 52.7-53.6 Light gray-green fine grained, brittle tuff. 60.9 cm Contains scattered clots of fine grained pyrite Some quartz-carb. veining (appears randomly oriented) Entire section very broken. 53.6-54.8 Similar to last section. Local clots and seams of fine grained pyrite. Section is highly brecciated. 5878 53.3-54.8 55 1.5 691

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Su 6 - 31 Jola Kamkoops, B Phone 374-05

SNOWFLAKE SF-83-9 SHEET No. 9 of 11 PROPERTY_ HOLE No. CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Au Ag Cu 54.8-55.7 45.7 cm 54.8-56.3 Similar to last section. 5879 230 3.5 96 55.7-56.6 45.7 cm Similar to last section. Increasing pyrite contentfinely disseminated (2%). Fair abundance of quartz carb veining most of which appears randomly oriented. This tuff section shows areas containing dark green fragments randomly scattered-probably represent mafic fragments. 56.6-57.6 60.9 cm Similar to last section. Highly broken pale gray green tuff with green mafic fragments. In last two 56.3-57.9 sections have also noted several areas containing 5880 60 1.0 a bright green mineral-possibly malachite saturation(?) around altered chalcopyrite grains. Gray-green moderately well veined tuff with hematitic 57.6-59.4 30.4 cm fracture faces. Intense quartz-carb veining in 5881 < 5 57.9-59.4 . 7 16 first 45.7cm-also site of small shear zone. Quartz veins often have hematite associated especially from 58.2-59.4 m. Veins & veinlets 1mm-5mm and generally 30-45° to core axis. Pyrite content generally < 2%.

ALTA DANISON & ASSOCIATES TID .- DIAMOND DAILE RECORD

SNOWFLAKE SF-83-9 HOLE No. SHEET No. 10 of 11 PROPERTY_ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST Cu of SAMPLE Pale gray-green hematitic tuff up to 60 m. after 59.4-60.3 15.2 cm which rock becomes a medium green more solid tuff with epidote blebs and fracture linings. Hematite still present on fracture faces and in quartz-carb veinlets 60.3-60.9 15.2 cm Medium green, fine grained andesitic tuff and/or flow. Hematitic fractures present along with clots 59.4-60.9 5882 30 of epidote. Pyrite content low <2%. Few quarz-carb, veinlets. Similar to last section. Core not as broken. 60.9-62.4 15.2 cm Egidote-hematite pervasive. Quartz-carb-hematite 5883 60.9-62.4 < 5 12 veinlets generally at low angles to core axis. $(0^{\circ} \text{ to } 30^{\circ}).$ 62.4-63 Pale gray green weakly bleached "mafic mottled tuff". 15.2 cm Hematite quite common-found as clots and fracture coatings. 63-65.2 Medium green, fine grained andesitic tuff and/or flow 30.4 cm with only minor hematite/epidote. Pyrite content 62.4-64 5884 . 8 21 10 increasing to 2-3% locally. 63-63.3 m Bleached and 5885 64-65.5 22 15 sheared tuff-slickensides @ 20-25° to core axis. Intense quartz veining noted in shear @ 63 - 63.2 m. Rest of section contains randomly oriented quartz veinlets (moderate intensity).

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HOLE No. ____SF-83-9 SNOWFLAKE SHEET No. 11 of 11 PROPERTY_ WIDTH CORE DESCRIPTION SAMPLE No. DEPTH of SAMPLE LOST Similar to last section except bleached and veined 65.2-65.8 15.2 cm from 65.5-65.8 m. Pyrite content 1-2%. 65.8-67.3 5886 30.4 cm Medium green, fine grained andesitic tuff and /or 65.5-67 20 . 7 13 flows. Bleached and veined as in latter portion of above section from 65.8-66.1 m. Rest of section contains abundant epidote and scattered quartzcarbonate veinlets. Hematite scarce. Pyrite content low ~1%. 67.3-70 60.9 cm Similar to last section. Egidote content quite 5887 10 .8 98 67-68.5 variable. Hematite scarce. Pyrite ~ 1%-, Quartz-carb veinlets generally @ low angles to core axis (0-30°). Shear zone (slickensides) @ 175 1.1 61 5888 68.5-70.1 $67.9 \,\mathrm{m_{r}} \,\, 30^{\circ}$ to core axis. 70.1-72.2 55 70-70.7 45.7 cm 45 Similar to last section-core very broken. 5889 Similar to last section. Core tube didn't lock lost 70.7-72.2 1.2 m. 1.2 m. of core. END OF HOLE.

46, 9 - 72.2 / Steries contenting sphereries, galone and Jaimesonics

45.7 - 46.9 / tra

34.1-35.9 29 35.1-45.7 1a

32.3 - 34.1 19

25.8-32.3 It

0-9.1 08 4.1-52.4 1 am Maron by F.A. MacLean, Mines Branch Publ. 822, 1914

SF-83-9

Property Name: Common DI

DUBLIN GULCH Other

Location: Lat. 64°02'

Long. 135°47'

NTS 106D/4

Metals: Major Gold

Minor Silver

Type of Mineral Deposit: Vein

History and Previous Work:

Placer gold was discovered on Haggart Creek in 1895 and on Dublin Gulch in 1898. The earliest lode claims, North Star group, appear to have been staked in 1901 and by 1904, a 45 ft. adit had been driven on the North Star claim. In 1912, development work had been done on five separate properties. On the Stewart-Catto group (Happy Jack and Victoria cl), two adits were driven, the first 125 ft. long and off the vein, and the second a 200 ft x-cut with 74 ft of drifting on the vein. On the Clive claim, an adit was driven about 70 ft. of which the last few feet was on a vein. On the Shamrock group (4 claims), trenching and pitting was done, while a 25 ft. shaft was sunk on the Blue Lead group (8 claims). Only the Olive claim is still held under lease. Claims staked in Aug/49 by E.H. Barker (Barber cl) were examined in 1960 by Prospectors Airways, who did bulldozer trenching. Part of the area was covered by claims staked about 1962 by Rio Plata ML. The area was covered by the Pan and Arpa cl (Y27203) staked in Sept/68 by C. Provencher and optioned to Great Plains Dev. C Can L in 1968, Tam ML in 1969, and Connaught ML in 1969-71. The Connaught option was assigned to Canex in 1970 and 1971. No work has been done on the gold veins since 1968.

Description :

Quartz-arsenopyrite veins are common for a length of two miles along the north edge of the Potato Hills stock. Most veins strike NE and range in width from a few inches to 6 feet and occasionally wider, although the arsenopyrite-rich sections is usually restricted to widths of 4 to 20 inches near the centre. Minor amounts of pyrite occur with the arsenopyrite. Host rocks are Cambrian or older metasediments (unit 3). The vein drifted on the Victoria claims assayed 0.25 oz/ton Au and 0.4 oz/ton Ag over a width of 2 ft for the 74 ft length. Similar assays were obtained from other veins. Rio Plata conducted a Turam survey and bulldozing program which reportedly outlined a narrow silver-rich vein and more arsenopyrite veins. The presence of silver veins in the area is further suggested by the presence of siderite containing sphalerite, galena and jaimesonite in the placer gravels.

References:

Ann. Rept. 1904, Pt A, pp38-9
"Lode Mining in Yukon" by T.A. MacLean, Mines Branch Publ. 222, 1914
pp127-158

P63-38, p.9

P61-23, p.33 B 111, Fig.18

Kamloops, B.C. Phone 374-0544

PROPERTY SNOWFLAKE

HOLE No. SF-83-10

	Corrected			
Footage	Angle	Azimuth		
		re tone		
	1903 111			

Core Si	ze N.Q.
Angle	zeN.Q
Claim	
Section.	TAKE SECTION-RESIDENCE HELD
Bearing	

Total Depth	74.9 m.	5
% Recovery	89%	١
Elev. Collar	15 + 60NW 1025 miles	I
Latitude	+ 60NW	1
Departure5	5 + 31SW	(

Sheet No1 of9
Logged by W. Gruenwald
Date Begun Nov 10/83
Date Finished Nov. 13/83
Core Stored At

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au.ppb	Ag.ppm	Cu.ppm	114
0-9.1 m	Friend E.	Casing - Overburden to 9.1 m. Casing driven to 13.7 m.	and the specific of	Andreas American Val	MARIE E	USE TORK	h the	1 10
		to aid in water return.						
9.1–10.6	91.4 cm	Broken, gray argillaceous arenite. Minor pyrite.	5890	9.1–10.6	< 5	1.0	69	
		maist of dark gray to black areilling which are						
10.6–12.1	60.9 cm	Medium gray, fine grained vaguely bedded argillaceous	5891	10.6-12.1	< 5	1.0	76	
		to core axis. Few pyritic bands observed. Pyrite content ~ 1-2%. Few quartz + carb veinlets seen.						
		runaga. (30-00 co core axis). Limonicis						
12.1-12.8	39 cm	Similar to last section. Finely disseninated pyrite 1-2%.	5896	18,2-19,8	1 < 3	l - M	80	
12.8–14	15.2 cm	Similar to last section. Few scattered quartz-carb	5892	12.1–13.7	5	.8	73	
		veinlets seen < 1mm to 5mm. wide. Veinlets vary	5895	16.7-18.2	8.9	1 2	56	
		from 30-60° to core axis.	2894	15,2-16,7	1 < 5	i d	3.49	
14-15.5	15.2 cm	Similar to last section. One 5mm. wide quartz+carb	BAMPLE NO.	et same,	go.	48	Eu	
DESIR	0046	veinlet @ 14.1 m. @ 25-30° to core axis.	5893	13.7–15.2	10	.8	77	
ROKERTY	2	TONETAKE	V 77 17					pour 1(e)

51-83-10 SHEET No. 2 of 9 SHOWFLAKE HOLE No. ____ PROPERTY. WIDTH CORE SAMPLE No. DESCRIPTION DEPTH Cu Au Ag of SAMPLE LOST Similar to last section. Limonite still present 15.5-17.3 30.4 cm 5894 **** 5 .9 15.2-16.7 74 on fracture faces. Core broken and altered due 5895 16.7-18.2 85 56 to possible shearing at 16.4-17 m. Pyrite content still low 1-2%. 17.3-18.8 15.2 cm Medium gray, fine grained argillaceous arenite with

disseminated pyrite. (1-2% max). Few quartz-carb < 5 .8 59 18.2-19.8 5896 veinlets. (30-60° to core axis). Limonitic fractures virtually nonexistant now. 30.4 cm | Similar to last section except showing evidence of **<** 5 18.8-21.3 1.0 82 19.8-21.3 5897 pre-induration brecciation at 20 - 20.7 m. Fragments consist of dark gray to black argillite which are often rounded to elongate slivers along with large rounded fragments of arenites, gray wackes & possible granitic rock? Pyrite found as small grains & cluster in both matrix & fragments-content 205% locally in this breccia section from 20-20.7. 20.7-21.3m into dark gray, variable pyritic (2-3%) weakly graphitic argillite (quite broken). Scattered thin quartz-carb veinlets found throughout entire section-random attitudes. 30.4 cm Dark gray, broken, brittle weakly pyritic argillite. 21.3-22.5 5898 21.3-22.8 < 5 1.0 95 Pyrite found disseminated and along bedding planescontent locally to 5%+. Bedding at 30-35° @ 22.1 m. Where pyrite is associated with fine grained gray wacke bed.

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ROPERTY.		SNOWFLAKE HOLE No.	SF-83-10	70.7-00	SHEET N	0	of	9
DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
22.5-22.8	15.cm	Dark gray, brittle, weakly pyritic (2-4%) argillite.						
28.		Very few quartz-carb veinlets		The state of the s				
22.8–23.7	6.3 cm	Similar to last section. Coarser sediments @ 23.6 -	5899	22.8-24.3	60	1.2	99	
200 2311	013 611	23.7 with locally abundant clots of pyrite 4-5%.	3077	22.0 2.1.5		1.2	18.47	1
		Bedding 10-15° to core axis. locally lower angles		15.40 - 400	in day	A6-33		0 2
		observed.		94.511				
23.7–25.2		Similar to last section. Bedding planes observed	5900	24.3–25.9	< 5	1.0	98	
		from 20-30° to core axis. Pyrite both disseminated						
		and along bedding planes. $(4-5\%^{+})$. Two veinlets						
		3-5mm. thick from 35-40° to core axis. Minor						
		graphite seen on fracture faces.						
	T core rea	mixed fight gray argiliaceous arenice, gray wacke.	5905	32-33.5	15	1,3	9.5	
25.2–25.6	10 cm	Dark gray, brecciated and veined argillite. Some						
		evidence of slickensides (graphitic). Major veining						
		at 45° to core axis. Pyrite 2-3% as disseminated						
		cubes, clusters and along bedding planes.						
	· · · · · · · · · · · · · · · · · · ·	Veulle (Atem-) @ 25-35 to core axia @ 29.8-30.1 p.Duller					A PARTY	13 60
25.6–26.8	15.2 cm	Dark gray, brittle, weakly pyritic argillite. Rock						
	•	is very uniform. Pyrite disseminated 1-2%.	5901	25.9–27.4	15	. 9	107	
		arguitateous elenice. 29.5-30 m. intercalated dark gray	1 5904	3614-35	2.5		45	,
26.8–29.5	15.2 cm	Similar to last section. Pyrite content locally quite						
	1021	variable. Average content 2% however up to 5% between	5902	27.4-28.9	35	1.5	137	
		28.3-28.9. Few quartz stringers noted from 30° to 45°	5903	28.9–30.4	85	1.3	81	
PROPERTY		to core axis.(Hairline to 1.0 cm. wide).	88-83-11					
								CH 1200

SNOWFLAKE SF-83-10 HOLE No. SHEET No. 4 of 9 PROPERTY. WIDTH CORE SAMPLE No. DEPTH DESCRIPTION of SAMPLE LOST AP 29.5-31.6 0 Predominantly light to medium gray, fine grained argillaceous arenite. 29.5-30 m. intercalated dark gray 30.4-32 25 1.1 45 5904 argillite and lighter gray arenite(?) Bedding planes well defined @ 450+ to core axis. Two quartz-carb veins $(1cm^{+})$ @ 25-35° to core axis @ 29.8-30.1 m.Other minor quartz-carb. veinlets @ low angles to core axis Pyrite content generally lower than previous sections Average pyrite content 2%. 32 - 33.531.6-33.5 15.2 cm Mixed light gray argillaceous arenite, gray wacke, 15 1.3 95 5905 and dark gray argillite. 31.6-32 m. arenite & possible gray wacke. 32-33.2 m. dark gray, brittle, well veined weakly graphitic argillite. Contains numerous thin (.5 to 2 mm.) veinlets at various angles to core axis. Many of veins & veinlets show microfaulting. Pyrite from 2-4%-locally found as clots up to 1 cm. long. 33.2-33.5 m.light gray. brecciated & quartz-carb veined & weakly bleached fine grained gray wacke. 33.2m. noted galena, straw colored sphalerite and chalcopyrite in brecciated argillite & quartz-carb vein material. Sulphide content generally ≤ 2% for section 33.2-33.5 m. 15.2 cm Dark gray, brecciated & veined weakly graphitic 33.5-35 33.5-34.4 5906 10 1.2 83 2 Otohit argillite Pyrite content higher @ 3-4%. 33.5-33.6 m. is the pale gray, f. grained gray wacke noted in last

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ser sedimentary beds. Bedding @ 30-350 to c.a.

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HOLE No. ____ SF-83-10 SNOWFLAKE SHEET No. 5 PROPERTY. WIDTH CORE DEPTH DESCRIPTION SAMPLE No. Cu of SAMPLE Au LOST Ag Dark gray & medium gray intercalated argillite & 34.4-35 fine grained arenite/gray wacke. Bedding very distinct @ 30° to core axis. Pyrite generally finely disseminated 2%-. Some graphitic slickensides noted 20-250 to core axis @ 34.7 m. Quartz-carb veinlets generally uncommon. Dark gray, weakly pyritic, brittle, variably graphitic 35-36.8 15.2 cm argillite. Few qtz-carb stringers noted. Pyrite 5907 35-36.5 5 1.3 108 content 2-3% max. 36.5-38.1 Similar to last section-shows well defined bedding 36.8-38.4 15.2 cm 5908 1.2 85 -35° to core axis. Pyrite content variable from 2-4%. Few narrow bands of fine grained gray wacke with pyrite content 5-6%. Some graphitic fracture faces observed. 45.7 cm | Similar to last section-well bedded & variably 5909 38.4-39.6 38.1-39.6 5 1.0 68 pyritic. Bedding laminae 30-40° to core axis. Core quite broken. 39.6-41.1 15.2 cm Similar to last section except mush less broken. Small qtz-shear @ 39.6-39.7 m. Evidence of faulting 39.6-41.1 15 5910 1.0 77 @ 39.8 m. displaces bedding laminae ~ 2cm. This particular section has some intercalated arenite/ gray wacke beds which show graded bedding & are often more pyritic than surrounding argillite. Qtz-carb

PROPERTY_

SNOWFLAKE SF-83-10

provided to the surrounding areas in the control of the control of

SHEET No._6__

DEPTH	CORE LOST	DESCRIPTION DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
41.1-41.7	45.7 cm	Section of broken argillite/gray wacke and	5911	41.1-42.6	5	.9	100	
23/2-or 1	1355 Ige	brecciated quartz/carb. material.					95,15	
41.7–42.3	45.7 cm	Similar to last section-only pebbles recovered.						
		Carbonate content- constant throughout argillite-		pardered section	1.18 46.9	er at skill	JAR's y Y	1 40
identical designation	17 786	weak to moderate.	2808 17	38 7-36 9	HAN STEVE	1.0	686	13.79
42.3-43.5	45.7 cm	Mixture of intercalated dark gray argillite/gray-	5912	42.6-44.1	15	.9	227	
		wacke/arenite and brecciated graphitic veined argillit	e					
		Section quite broken. Pyrite content low - 2%						
		locally 3-4%. With BALLES COULENE AULIUPE LLOW						
	1915 24	STORING CO last Section-shows well defined bedding	5908	38,5-38.1		1.2	82	
43.5-45.5	30.4 cm	Mixed argillite/graywacke & brecciated equivalent.	5913	44.1-45.7	< 5	1.3	79	
		43.5-44.1 gray to dark gray broken weakly graphitic						1 1
		argillite-last 15 cm. shows slikensided surfaces.	5907	35-36.5	3		1908	
	Disk offi	44 m. contact with coarse sed. breccia @ 45° to c.a.						
		44 - 44.6 m. coarse sid. breccia-quartz-carb veins @						
		45-60° to c.a. Pyrite content 2-3%+. 44.6 - 45.5 m.						
		Gray intercalated argillite/f. grained arenite.						
		Bedding laminae @ 35-40° to core axis.						
		nessence to in to core axis. Parite generally timely						
45.5-48.7	15.2 cm	Interbedded argillite/f. grained argillaceous arenite						
5101-50	0	and light gray volcanic/sed. fragmental. (agglomerate?)					
	LOST	45.5 - 47.7 m. intercalated argillite, light gray	SAMPLE No.	OL SEPTING	VII	VS	U1	
	Y	argillaceous arenite/graywacke. Pyrite still favouring			SHEST W	7-3		
SEUSEULA	5)1	coarser sedimentary beds. Bedding @ 30-35° to c.a.	5914	45.7-47.2	< 5	.9	92	
7		Minor graphite on fracture faces. 47.1 - 47.2 m. small	5915	47.2-48.7	< 5	.9	105.	

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SF-83-10 SNOWFLAKE SHEET No. 7 of _ HOLE No. -PROPERTY_ WIDTH CORE SAMPLE No. DEPTH DESCRIPTION of SAMPLE Au Ag LOST cont'd 47.7 - 48.7 m -light gray, massive, coarse grained 45.5-48.7 volcanic/sed. fragmental. Fragments generally rounded and appear to be a pale bleached volc. rock. Some fragments of argillite were noted in this rock type. Pyrite content in this rock type is generally 2-3%. Found disseminated & in quartz-carb. veinlets. Fragments are from 0.25 cm. to 2 cm. across-average 0 5cm. 48.7-50.2 5 48.7-51.8 Similar to last section except fragments becoming 5916 . 8 95 50.2-51.8 < 5 coarser. Polymictic nature of rock very definite from 5917 . 8 135 50.2-51.8 Few scattered qtz veinlets. Pyrite content generally low -2%. Pale gray-green medium to coarse polymictic agglom. 51.8-54.8 5818 51.8-53.3 15 .7 65 & light gray fine to medium grained tuff. 51.8 - 52.7 m 10 5819 53.3-54.8 25 . 7 64 Polymicitc agglomerate. 52.7 - 54.8 Gray to green-gray fine to medium grained tuff. Occasional scattered quartz stringers. Pyrite content -2%, locally higher Tuff is weakly bedded -45^{0+} to core axis. Contact between agglomerate and tuff (52.7 m) @ 60° (irregular) Very coarse agglomerate fragments from 54.7-54.8 m. Mixed tuff and agglomerate. 54.8 - 55 medium green 54.8-57.9 5920 54.8-56.3 20 . 7 74 gray, f. grained tuff. 55 - 55.3 m -coarse agglomerate. 5921 . 7 10 90 56.3-57.9 55.3 - 56.3 m. predominately gray-green tuff in patches of coarse grained agglomerate. 56.3-56.8 m. weakly to moderately bleached agglomerate, qtz vein swarm @ 56.5 m. (3 cm wide)

Sultenar 310 Legan Sr Kamloops, B.C. Phone 374-0544

PROPERTY SNOWFLAKE HOLE No. SF-83-10 SHEET No. 8 of 9

DEPTH	CORE LOST	H: SA E BESTERN ENLEDESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
54.8-57.9	cont'd	56.8-57.3 m. very coarse agglomerate-one pale gray	15920	THE STREET	1.30	.,7		
		porphyritic volcanic fragment at least 10-15 cm.						
		across. Pyrite content low < 2%. Highest pyrite			Towns All		A Marking	
		content in dark gray, fine grained, volc. fragments.						
		57.3-57.9 m. Medium gray, fine grained tuff(?). Contains	List out	Filth district	A THE MA	Mr. Lysta	PM and the	in fair
	the state of the s	fragments of banded fine grained sediments (??).	R MA	1 1/0	- 11		347	1- 1-
		The few qtz-carb veins seen in this section are general	ally					
		at low angles to core axis $(\frac{4}{30})$.						
		& light gray fine to medium grained tuff. 51.8 - 52.7 :	- 5819 -	53,3-54.8	1 25	1,3	64	
57.9-60.9	0	Mixed green-gray fine grained tuff & coarse	5818	31.8-53.3	112	1 1		
		polymictic andesitic agglomerate. 57.9-58.5 m. coarse		1,				
		polymictic agglomerate-subrounded fragments-many of						
		fragments show f. grained porphyritic texture.					lite in	
		58.5-59.4 m. predominantly green, f. grained tuff with	5922	57.9-59.4	30	.8	86	
(0.1-51)		irregular black, fine grained patches. 59.4-60.9 m. pre-	5923	59.4-60.9	< 5	.8	92	
		dominantly coarse polymictic andesitic agglomerate.						
		Fragments from < 1cm. up to 3cm.+ across. Tuff band						
		@ 60 - 60.2 & 60.7 m. @ 50° to core axis.						
60.9–64	0	Green-gray coarse polymictic agglomerate. Few qtz-						
		carb. veinlets. Low pyrite content < 2%. Volc.	5924	60.9-62.4	5	.6	64	
	ļ.,,,,,,	fragments subrounded < 1cm. to 5 cm +. Many	5925	62.4-64	< 5	.8	88	
		fragments show porphyritic texture. Minor fine						
, Dietel	II CUKE	grained tuff horizon @ 62.1 - 62.4 m.	SAMPLE No.	WHOTH				
RADPETI		INDMETVICE A HOTE NO.	-81-10		SHEET			A

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SNOWFLAKE HOLE No. _____SF-83-10 SHEET No. 9 of 9 PROPERTY_ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Au Ag Cu 64 - 67Similar to last section. 64-65.5 5 . 7 102 5926 65.5-67 **<** 5 1.1 95 5927 67-70.1 15.2 cm Similar to last section to 68.5 m. At 68.5 contact with fault gouge @ 35° to core axis. 68.5-69.3 m. Gouge with quartz-carb. veins & fragments. Footwall **<** 5 5928 . 8 116 67-68.5 contact 30-35° to core axis. 69.3-70.1 m. Variably 5929 1.1 30 63 68.5-70.1 bleached agglomerate-quite broken-Low pyrite content. Few quartz-carb, veinlets 70.1-71.9 15.2 cm Pale green-gray broken coarse polymictic agglomerate. Several low angle quartz-carb veins from 71 - 71.7 m. 5930 70.1-71.6 . 9 94 10 (often vuggy). Low pyrite content < 2%. 71.9-73.1 60.9 m Pale green-gray broken coarse polymictic agglomerate. 5931 71.6-73.1 15 1.6 75 Very few quartz-carb veins noted. 73.1-74 30.4 cm | Similar to last section. One quartz-carb vein @ 73.7 m.@ 45° to core axis (1 cm. wide). 74-74.9 15.2 cm Similar to last section. 10 1.2 83 5932 73.1-74.9 END OF HOLE.

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PROPERTY	SNOWFLAKE
INOILIII	

HOLE No. SF-83-11

DIP AND	AZIMUTH T	EST	N. O		1
	Corr	ected	Core Size N.Q.	Total Depth 27.4 m.	
Footage	Angle	Azimuth	Angle of Hole90	% Recovery	Logged by J.M. Dawson
			Claim	Elev. Collar Ose 1019 approxim	Date Begun Nov. 14'83
			Section	Latitude 4 + 78 NW Med	
			Bearing		

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm	
meters	·	Casing to 19.8 meters						
19.8-20.4	0	Fine grained dense black, graphitic argillite with						
		abundant fine grains of pyrite-also pyrite on	5933	19.8-21.3	< 5	9	94	
	,	fracture planes 5-10% in places; minor thin quartz		(vajanija)				
		stringers at 20-30° to core axis.	3430	1-500-550	1.16	1 4 126		
20.4–21.9	20.3 cm	Similar black graphitic argillite; minor interbeds		,				
		of grey siltstone near beginning of section;						
		pedding at ~ 45° to core axis; pyrite common as		INE A DE E				
38.25.36.6	W 6	very fine disseminated grains; minor scattered,	5934	21.3-22.8	4 5	1.0	218	
	(U 5 V4	narrow quartz stringers.	5936	28, 2, 25 £	1.19		85	
21.9–23.1	20.3 cm	Similar to last section; core becoming very broken and						
		friable towards end of section.						
23.1–23.7	10.1 cm	Similar to last section; scattered narrow quartz	5935	22.8–24.3	10	1.0	189	
DEPTH	CORE	stringers. OENOMIN DOM	SAMPLE NO.	AL SAMPL	Ani	1 75		
KOPERTY.		SHOULD AND SEE THE SEE	13 (I)		2HBEI	<u> </u>		
				END TO SE				Phone 374-0:
	REDE	DAMEDN P ASSOCIATES IID DIAMI		III. bel	LUBU.			1-0 LOW TOP

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HOLE No. _____SF-83-11 SNOWFLAKE SHEET No. 2 of _ PROPERTY_ CORE WIDTH SAMPLE No. DEPTH DESCRIPTION LOST of SAMPLE Au Cu 15.2 cm Dark gray to black argillite with minor grayish 23.7-24.6 silty interbeds @ 45° to core axis. Minor pyrite on fractures; minor narrow quartz veinlets. 24.6-25.6 Similar to last section. 24.3-25.6 .8 90 60.9 cm 5936 10 25.6-26.5 40.6 cm Light grey, bleached andesitic tuff? Fractured and friable; minor quartz and calcite stringers. 25.6-26.5 5937 30 80 26.5-27.4 91.4 cm Very large fault zone; fault gouge and mud squeezing up the hole; hole abandoned at 27.4 m 24.3-27.4 5938 20 1.0 141 (sludge)

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PROPERTY SNOWFLAKE

HOLE No. SF-83-12

	AZIMUTH 7	rected	Core Size
Footage	Angle	Azimuth	Angle of Hole
			Claim
			Section
		122	Bearing

ore SizeNQ	Total Depth 99.3 m
ngle of Hole90°	% Recovery
laimection	Latitude Mas. 4+64 NW
earing	Departure " 5+485W 0

	Sheet No of
	Logged by J.M. Dawson
Ted	Date Begun Nov 18/83
16	Date Finished Nov. 23/83
	Core Stored At

DEPTH ·	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm	
0-19.8 m.	0.1 181	Casing (0-15.2 OB)						
				19,8 ?				
19.8–20.7	45.7 cm	Light grey bleached andesitic tuff ? scattered	5939	15.2-21.3	125	1.2	82	
1t	<u> </u>	quartz veinlets and disseminated fine grained	5942	19.8-20.7	490	1.9	102	
1-3114	- 0 B	pyrite common.		0,6				7
				20.7 - 21.3	N.S.			Ц
20.7-27.4	6.7 m	No core recovered-major fault zone sludge of the	5940	21.3-24.3	360	2.5	146	
Can IX		shear zone recovered.	5941	24.3-27.4	190	1.8	147	J
	O TOP	Hole cased to 27.4 m.						
			5947	3,5-35	2	143	-8.2	
27.4-28.6	60.9 cm	Black graphitic argillite-very broken and friable;	5943	27.4-28.9	70	1.3	104	J
29P		fine grained disseminated pyrite common;	5946	2.33.5	10	1.0	3.04	
1		chalcopyrite noted on two fracture surfaces.						
28.6–29.5	0	Similar black graphitic argillite.						
			5945	0.4-32	10	1.0	102	
29.5–30.4	0	Similar black argillite; scattered calcite stringers;	5944	28.9–30.4	15	1.0	204	
BAH .	ONE	disseminated pyrite common.	AMPLE NO.	A SYMPLE	γn	VBTTTT	ča ·	1
PERTY		HAGE EDVICE HOLD HOLD HOLD HOLD HOLD HOLD HOLD HOLD	13		THE ELECTION			

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SHEET No. 2 of 7 HOLE No. _____SF-83-12 SNOWFLAKE PROPERTY____ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH of SAMPLE Au LOST 30.4-31.6 Similar to last section. 5945 1.0 107 10 30.4-32 29P-Black argillite; now more massive; very fine grained, 31.6-32.9 dense with frequent fine grained disseminated pyrite as well as fracture coatings of pyrite. 104 5946 10 1.0 32-33.5 32.9-34.4 25.4 cm Similar black argillite, very broken and friable. 5947 1.3 85 33.5-35 34.4-35.3 Similar to last section. 5948 35.3-36.5 Similar to last section. 35-36.5 5 . 8 111 36.5-37.4 Black to greenish black argillite; may be chloritic in part; scattered calcite veinlets. Fine grained 5949 36.5-38.1 disseminated pyrite common. . 8 58 37.4-38.1 Similar to last section. 38.1-39.9 Similar fractured and friable black argillite with 5950 38.1-39.6 5 110 frequent fine grained disseminated pyrite.

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HOLE No. SF-83-12 SHEET No. 3 of SNOWFLAKE PROPERTY_ WIDTH SAMPLE No. CORE DESCRIPTION DEPTH Cu Au Ag of SAMPLE LOST 93 39.6-41.1 5951 39.9-40.8 0 Similar to last section. 29P Similar to last section. 25.4 cm 40.8-41.7 5952 25 1.7 113 41.1-42.6 Black argillite with some narrow silty bands at 10-20 41.7-43.8 15.2 cm to core axis; minor calcite stringers; minor pyrite on fractures and as disseminations. 5953 42.6-44.1 .9 92 10 43.8-44.5 Dark gray volcanic wacke. 15.2 cm 5/vall 44.1-45.7 5954 < 5 . 8 67 20.3 cm Dark gray to green gray volcanic wacke; minor 44.5-45.4 5(V) calcite stringers; minor pyrite on fractures. 10.1 cm | Similar volcanic wacke-grading back to black 45.4-46.6 5(V) argillite in last 20 cm section. 45.7-47.2 5955 . 8 78 Black graphitic argillite; pyrite coatings on 46.6-47.5 | 15.2 cm fractures common; minor disseminated pyrite. 29P 47.2-48.7 5956 5 1.6 66 47.5-49 30.4 cm Similar to last section; calcite stringers common. . HOLE No ..

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PROPERTY		SNOWFLAKE HOLE No. SF-83-		-12		SHEET No4		-
DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
49-49.6	20.3 cm	Similar to last section; calcite stringers common.					1	A
			5957	48.7-50.2	10	1.1	115	
49.6-50.9	10.1 cm	Black graphitic argillite with scattered disseminated						
	in the sign	pyrite; minor quartz and calcite stringers.	18. 12.0 AC. 11.1	7,89.1g,78/7	18 4.	1,18	66	NEADL STATE
TAA1	11/1/1/		5958	50.2-51.8	20	1.3	79	D
50.9-51.8	5 cm	Similar to last section				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		1 26
								1 9.1
51.8-52.7	0	Similar to last section	5955	45.7-47.2	2	18	39	3
THE RESERVE	10 1	terise velegate warks-grading back to black						
52.7-54.5	15.2 cm	Similar to last section	5959	51.8–53.3	30	.9	82_	1
		are bear an interpretate on fractures.	5960	53.3-54.8	175	2.7	97	1
.54.5–57.3	15.2 cm	Similar to last section	5961	54.8-56.3	175	1.6	74	5
		Bru Bast same	5962	56.3-57.9	10	1.0	135	7
57.3-58.5	0	Core very broken and friable but similar black						
		graphitic argillite.	5953	42,6-44,1	TO T	*8	3.5	116
			5963	57.9-60.9	10	1.0	146	1.3
58.5-60	76.2 cm	Similar very broken and friable black argillite.						137
60-60.9	10.1 cm	Fine grained dense black argillite, minor calcite	5952	41,1-42.6	23	1.7	113	1
00,0007	1011 (111	stringers; no pyrite.						
ata-torie i		SETTINGETS, HE PYTTEET						450
60.9-62.7	0	Similar to last section; minor quartz and calcite	5964	60.9-62.4	20	1.9	139	V
	- Wet	stringers; minor pyrite as disseminations and fracture	SAMPLE No.	WESTH S	VII	Ag]	En.	
C ₂		coatings.	is T		NEET O	0	76	
	KEBB	-DAWSON & ASSOCIATES LIB DIRMO	ND DAN	T MERC	17.0%	-	2017	
			600 - 10 E E E E E E					1

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HOLE No. __SF-83-12 SHEET No. 5 of 7 SNOWFLAKE PROPERTY_ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH Au Ag of SAMPLE LOST 10.1 cm Similar to last section. 20 1.4 128 5965 62.4-64 62.7-64.3 64-65.5 90 3.7 160 Similar to last section. 5966 64.3-66.4 119 5967 65.5-67 30 2.0 10.1 cm Black graphitic argillite with minor quartz and 67-68.5 30 2.0 157 5968 66.4-69.4 calcite stringers; becoming very friable from 67.6 m-68.8 m; from 68.8-69.4 m. pale greenish gray andesite tuff with minor disseminated pyrite. Conjust C.A. 5969 60 1.3 72 68.5-70 69.4-71.3 Pale greenish gray to buff andesite tuff; very friable and broken; possible fault zone; small remnant of black argillite at 70.2 m. 10 .8 53 5970 70-71.6 Pale green andesite tuff. 71.3-71.6 Pale green andesite tuff with minor narrow quartz 71.6-73.4 71.6-73.1 5971 10 .8 stringers; seems chloritic; minor pyrite and trace chalcopyrite. 73.4-74.9 Pale green andesite tuff or ? flow; minor scattered 73.1-74.6 5972 15 .8 130 narrow quartz veinlets; minor scattered pyrite.

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SHEET No. 6 of 7 HOLE No. SF-83-12 SNOWFLAKE PROPERTY_ WIDTH CORE DESCRIPTION SAMPLE No. DEPTH of SAMPLE Cu Au Ag LOST 5973 74.6-76.2 175 2.1 103 74.9-76.5 10.1 cm Similar to last section. 76.5-77.1 5 cm Similar to last section, core very broken and friable. 5974 76.2-77.7 15 . 9 32 77.7-79.2 5975 77.1-79.2 Pale green partly bleached andesite flow? -490 4.6 70 scattered narrow quartz veinlets, scattered pyrite as grains and stringers. 79.2-80.7 77.1-79.2 5976 Pale to dark green andesite flow rock; minor pyrite 160 1.9 133 in the lighter coloured bleached sections. 81-84.1 10.1 cm From 81-82.1 m. pale greenish partly bleached and 80.7-82.2 5977 55 1.0 90 chloritic andesite with scattered quartz veinlets 82.2-83.8 < 5 5978 .8 and minor pyrite from 82.1-84.1 m. dark green relatively fresh andesite flow rock. 5979 83.8-85.3 5 . 8 27 Relatively fresh gray green andesite flow rock; 84.1-87.1 85.3-86.8 5 . 8 5980 24 minor quartz and calcite stringers. 5981 86.8-88.3 . 7 9 Similar to last section; some minor hematite 87.1-90.2 88.3-89.9 5 5982 . 7 3 staining.

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SHEET No. 7 of 7 HOLE No. ____SF-83-12 SNOWFLAKE PROPERTY_ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH of SAMPLE Au Ag Cu LOST < 5 89.9-91.4 90.2-93.2 5983 . 7 Similar dark green relatively fresh andesite. 91.4-92.9 5984 5 . 7 Dark green relatively fresh andesite becoming 93.2-95.7 **<** 5 2 5985 92.9-94.4 . 7 bleached and pale green in colour near end of section. 5986 2 94.4-96 5 . 7 9 .8 96-97.5 40 95.7-96.9 Pale gray bleached andesite. 5987 10 cm < 5 96.9-99.3 97.5-99.3 2.5 Pale gray to green-gray andesite; partly altered-5988 25 especially last 60.9 cm. section. END OF HOLE